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MASS. SECRETARY OF THE COMMONWEALTH

The Commonwealth of Massachusetts

SEVENTY-FIFTH ANNUAL REPORT

ON

BIRTHS, MARRIAGES AND DEATHS

RETURNS OF LIBELS FOR DIVORCE AND RETURNS
OF DEATHS INVESTIGATED BY THE
MEDICAL EXAMINERS

FOR THE YEAR

1916

PREPARED BY

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EDITED BY

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The Commonwealth of Massachusetts.

OFFICE OF THE SECRETARY, BOSTON, April 27, 1918.

To the Honorable Senate and House of Representatives.

I have the honor to submit herewith, as required by law, the seventy-fifth annual registration report, relating to the births, marriages, and deaths occurring in Massachusetts and registered in the several cities and towns during the year ending December 31, 1916, and containing also the reports relating to libels for divorce in the several counties, and the returns of deaths the causes and manner of which have been investigated by the medical examiners during the year 1916.

The method of presentation of the statistical data and the editorial review follow the same lines as the report for 1915, and were prepared by Mr. Frank S. Drown, Statistical Expert, United States Department of Labor, who also prepared the reports for the years 1914 and 1915. The report for 1916 consists of five parts:—

- I. Birth statistics, pages 7 to 31.
- II. Marriage statistics, pages 33 to 57.
- III. Divorce statistics, pages 59 to 86.
- IV. Mortality statistics, pages 87 to 237.
- V. Population statistics, pages 239 to 259.

The salient features of the vital statistics of 1916 are as follows:—

The birth rate in 1916 was 24.8 per 1,000 population, the lowest since 1882, and below the average for the sixty-five years from 1851 to 1915 (26.4). The falling off in the number of births registered in 1916 was particularly marked among the foreign-born population.

The marriage rate in 1916 was 18.2 per 1,000 population, being 1.2 above the rate for 1915 and .2 above the average (18) for the ten years from 1906 to 1915. The average rate for the sixty-five years from 1851 to 1915 was 18.9.

The divorce rate in 1916 was 153 per 100,000 married population, the same as for 1915, and an increase of 7 as compared with 1910.

The death rate in 1916 was 14.9 per 1,000 population, an increase over the rate of 14.4 for 1915. The average death rate for the preceding ten years from 1906 to 1915 was 15.5 per 1,000, and the average rate for the sixty-five years from 1851 to 1915 was 18.5. The increase in the death rate for 1916 was due chiefly to large increases in the number of deaths from organic diseases of the heart, measles, influenza, tuberculosis of the lungs, and infantile paralysis. (See page 101.)

The infant mortality rate in 1916 was 99.8 per 1,000 live births, the lowest ever recorded in this Commonwealth, the rate for the preceding year (1915) being 101.9, while the average for the ten years from 1906 to 1915 was 121.9. The reduction in the waste of infant life in recent years has been remarkable. In the nine years from 1908 to 1916 the increase in the number of babies born alive amounted to 7.6 per cent., while during the same period the number of infant deaths decreased 19.6 per cent. The actual number of deaths under 1 year of age was lower in 1916 (9,334) than in any year since 1889 (9,105), when the infant mortality rate was 159.5 per 1,000 live births. A high proportion of this salvage of infant life has taken place in Boston, where the infant welfare agencies have been very successful in their baby-saving campaigns. In Boston, during the nine years from 1908 to 1916 there was an increase of 6.8 per cent. in the number of live births, and a decrease of 13.7 per cent. in the actual number of deaths under 1 year. The infant mortality rate for the State outside Boston declined from 129.4 in 1908 to 98.6 in 1916, or 23.8 per cent., as compared with a decline in Boston from 148.8 in 1908 to 104.4 in 1916, or 29.8 per cent.

Mortality from several of the epidemic diseases was below the average. *The number of deaths from typhoid fever* (172) was the lowest on record, and the number of deaths from scarlet fever (127) was the lowest since 1851, except in 1905 (117) and 1912 (118). The number of deaths from diphtheria and croup (629) was the lowest, with the exception of four years (1909, 1911, 1912 and 1913), since 1867. The number of deaths from measles was greater than in any year since 1861, with the exception of two years (1872 and 1887). The death rate for this disease in 1916 was 10.4 per 100,000 population, as compared with 4.0 in 1915 and an average of 5.9 for the five-year period 1911 to 1915.

Cancer caused a larger number of deaths than in any preceding year, as did Bright's disease. The number of deaths from tuberculosis of the lungs (4,467) was greater than for any year since 1910 (4,503).

There were 7,028 deaths investigated by medical examiners in 1916, as compared with 6,516 in 1915. Autopsies were made in 791, or 11.3 per cent., of the examinations, as compared with 9.7 per cent. in 1915 and 11.4 per cent. for the ten years from 1907 to 1916.

Very respectfully,

ALBERT P. LANGTRY,

Secretary of the Commonwealth.

EDITORIAL REVIEW

OF THE

VITAL STATISTICS OF MASSACHUSETTS

1916

BY

FRANK S. DROWN

I.

BIRTH STATISTICS.

I.

BIRTH STATISTICS.

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INTRODUCTION.

Source of Data. — The birth statistics presented in this report are compiled from data obtained by registration by physicians and midwives, who are required by statute² to report the name and place and date of birth to the clerk or registrar of the city or town in which the birth occurred within forty-eight hours after the birth of every child in cases of which they were in charge. The clerk of each city and town is also required³ to ascertain annually in January certain facts relative to all children born during the preceding year and resident therein.

*Birth Registration.*⁴ — The registration of births is intended to serve two purposes: (1) to identify the child and to establish its age and parentage, and (2) to furnish statistical data. Birth registration laws are based upon a public necessity, and were passed for the purpose of enabling citizens to produce competent proof of their

¹ For a list of the tables on birth statistics, see page iii.

² Acts of 1912, chapter 280.

³ Acts of 1910, chapter 93, section 2.

⁴ A list of references on birth registration was printed in the Seventy-fourth Annual Report on Births, Marriages, and Deaths in Massachusetts for 1915, pp. 22-24.

birth at times when such proof might be absolutely essential from a personal or property standpoint. Failure to report births may result in permanent injury to the child, inasmuch as this record affects his legitimacy, his enrollment in the army in time of war, the inheritance of property, the right to obtain an employment certificate, the right of franchise, the right to marry, the right of the widowed mother with dependent children to obtain a pension in those States which provide for mothers' pensions, or to prove citizenship in case of a visit to foreign countries. Birth registration by furnishing a record of children's ages enables the State to enforce its compulsory education laws, guaranteeing to each child an education. It enables the State to enforce its child labor laws, guaranteeing that education shall not be cut short by parents who would sacrifice the child, or by employers who would accept and encourage that sacrifice. Birth registration also enables the community to guard the newly born baby against blindness and those diseases which carry off so many babies in the first year of life, and leave so many crippled, maimed, and deformed, totally unable to become efficient social units. This record is just as important and just as sacred as a record of marriage.

An attendant at birth has not completed his task nor fulfilled his obligations to the child and its mother until he has reported the birth in the manner prescribed by law. Because of the many privileges accorded him by law and his prominent place in society, a duly licensed and registered physician should be one of the first in the community to realize the public benefits secured by compliance with the registration law, and he should be one of the first to assist in its enforcement.

Live Births. — The number of live births registered in 1916 was 93,487, an increase of 332, or .4 per cent., as compared with the number registered in 1915. There was a decrease in 1916 of 427, or .9 per cent., babies born of foreign-born parents. Among the native parents the number of births showed an increase of 646, or 2.1 per cent., while the births of mixed parents, *i.e.*, one parent native and the other foreign born, increased by 124, or .8 per cent., and the number of births of parents whose nativity was not reported on the birth certificate decreased by 11 (from 82 in 1915 to 71 in 1916). This decrease in the number of babies born of foreign-born mothers

was undoubtedly due to the decline in the foreign-born population, resulting from the virtually absolute stoppage of immigration since the outbreak of the European War, and also from the departure of some numbers of foreign born to their native land to participate in the war.

*Stillbirths.*¹ — The registered stillbirths in 1916 numbered 3,300, an increase of 139, or 4.4 per cent., as compared with 1915. The rate per 1,000 live births was 35.3 in 1916, as compared with 33.9 in 1915 and an average of 35.4 for the five years from 1911 to 1915.

Changes in the Birth Rate. — In proportion to the total population of both sexes and all ages the total live births were equivalent to a rate of 24.8 per 1,000 population. This rate was .4 per 1,000 below that recorded in 1915 and .8 per 1,000 below the average for the five years from 1909 to 1914. The birth rate per 1,000 married women of child-bearing ages, 15 to 44 years, was 188.8 in 1916, as compared with 193.0 in 1915.

The birth rate for the Commonwealth attained the highest point on record (30.2) in the year 1857. Since then the rate has fluctuated considerably, due to a decline in the birth rate of the native population, to an increase in the foreign-born population, and to variations in the completeness of birth registration.

Notwithstanding the improvement in birth registration, there has been a considerable decline in the birth rate since 1851. This decline has been most marked among the native population. The number of babies born to parents of foreign birth in 1916 was 43.6 per cent. greater than the number born to native mothers, as compared with 48 per cent. in 1915.

Although the birth rate has declined in recent years the infant death rate has also declined, so that the number of babies who survive the dangers of infancy is becoming steadily greater. This

¹ Acts of 1910, chapter 322, section 2 require that "a physician who has attended at the birth of a child dying immediately thereafter, or a physician or midwife who has attended at the birth of a *child born dead*, shall forthwith furnish for registration a certificate, stating that to the best of his or her knowledge and belief such child either died immediately after birth or was born dead. Both the birth and the death of such child shall be recorded and, if it was born dead, the word 'stillborn' shall be entered in both the record of birth and death." There is no precise definition of a stillbirth which the physicians or midwives are required to observe. The United States Children's Bureau, in its instructions to special agents (page 5) states that "the term stillborn shall not be applied to the issue of a pregnancy of less than seven months. The issue of shorter periods of gestation are to be designated 'miscarriages.'" The number of stillbirths registered is an understatement, as the registration of stillbirths is even less complete than that of live births.

fact is strikingly shown in Table 54, on page 142. A comparison in the data presented in this table with the birth rates shown of Table 4, on page 27, shows that while the birth rate per 1,000 population declined from 28.1 in 1851 to 24.8 in 1916, the number of babies per 1,000 population who survived the first year of life declined only from 24.3 in 1851 to 22.3 in 1916, and that the number of babies per 1,000 born alive who reached their first birthday increased from 867 in 1851 to 900 in 1915. Thus the decline in the birth rate during this fifty-six year period has been to a certain extent neutralized by the successful baby-saving campaigns which have been waged in recent years.

Birth Rates of Different Parts of the State. — The counties showing the highest birth rates in 1916 are: Hampden (29.4), Bristol (27.6), and Worcester (26.4). The lowest birth rates appear for Barnstable (18), Dukes (18.6), and Norfolk (19.1). These variations may be accounted for by the differences in the proportions of women and of married women of child-bearing age. Undoubtedly the rate for Suffolk County (25.9), and perhaps the rates for other counties and municipalities as well, are affected somewhat by the presence of hospitals to which many expectant mothers go from neighboring cities and towns in order to take advantage of the best medical advice and obstetrical care during pregnancy and childbirth.

New Bedford showed the highest birth rate (31) of the 7 cities having over 100,000 inhabitants, and was closely followed by Springfield (30.8) and Lowell (30.3). Of the 5 cities having between 50,000 and 100,000 inhabitants, Lawrence had the highest birth rate (31) and Somerville the lowest (22.4). Of the 30 cities having between 15,000 and 50,000 inhabitants, Chicopee had the highest birth rate (39.1), while Brookline had the lowest (11.7). Brookline had the lowest birth rate of any municipality in the State having over 7,000 inhabitants.

The high birth rates of certain communities may not be indicative of satisfactory increases in the population, since high rates of infant and childhood mortality may nullify the effect of high birth rates. New Bedford showed the highest birth rate (31) of the cities having over 100,000 inhabitants, but it also had a very high infant mortality rate (138.7). In other words, of every 1,000 babies born during the year only 861 lived until their first birthday. Fall River also had a

high birth rate (29.2), but only 826 babies out of every 1,000 born alive lived for twelve months. On the other hand, Cambridge showed the lowest birth rate (24.5) of the 7 cities having 100,000 or more inhabitants, but 911 out of every 1,000 babies born alive were still alive at the end of twelve months. Chicopee had the highest birth rate (39.1) of any municipality having over 15,000 inhabitants, but only 874 babies out of every 1,000 born alive survived for twelve months. Brookline had the lowest birth rate (11.7) of any municipality having over 7,000 inhabitants, but 961 out of every 1,000 babies born alive reached their first birthday. Similar data for municipalities having 15,000 or more inhabitants are presented in Table 52, on page 141.

Sex Proportions at Birth. — Throughout the civilized world there seems to be a tendency for more births of males than of females; but because of the higher mortality among males there is, in many places, particularly in the older sections of this country, an excess of females. It has never been adequately determined whether or not the proportion of masculine and feminine births is the result of definite causes. Dr. T. H. C. Stevenson, in his "Review of the Vital Statistics of England and Wales for the Year 1916"¹ makes the following interesting comment on the high proportion of male to female births (1,049 per 1,000) in that country: —

It will only be possible after the war, when the official statistics of all the countries concerned are published, to determine to what extent the old idea that war conditions lead to male conceptions has been justified by the huge experiment now in progress. It is, however, very interesting to note the support which the theory receives from the English figures even though the physical distress, characteristic of warfare, has not fallen upon our population. It can hardly be dismissed as an accidental coincidence that by far the highest proportion recorded during the last fifty years should have characterised the first calendar year entirely subject in this respect to the influences of war. . . . The extreme range during the last fifty years has been from 1,032 per 1,000 in 1898 to 1,043 in 1867 and 1875, and 1,049 in 1916.

Births of males in Massachusetts in 1916 numbered 48,256, and those of females 45,227. As compared with the previous year (1915) there was an increase of 470, or 1 per cent., in the number of male births, and a decrease of 136, or .3 per cent., in the number of female

¹ Seventy-ninth Annual Report of the Registrar-General of Births, Deaths, and Marriages in England and Wales, 1916, page xviii.

births. The ratio of male to female births was 1,067 in 1916, as compared with 1,053 in 1915. The corresponding proportions in each year since 1851 are shown in Table 3, on page 26. The extreme range has been from 1,036 males per 1,000 females in 1858 and 1889 to 1,098 in 1851.

Statistics of the variations in masculinity, as this excess of male births is termed, among the babies of native and foreign born mothers are not available for this Commonwealth, but studies of infant mortality made by the United States Children's Bureau in Johnstown, Pa.,¹ and Manchester, N. H.,² show an excess of female births among the babies of native mothers, — 993 males per 1,000 females in Johnstown, Pa., and 952 per 1,000 in Manchester, N. H.

The disparity between the sexes among the stillborn was considerably greater than among the live born, the ratio in 1916 being 1,436 males per 1,000 females, or 582 more male stillbirths than female. The corresponding proportions in each year since 1851 are shown in Table 4, on page 27. The extreme range has been from 1,842 males per 1,000 females in 1857 to 1,171 males per 1,000 females in 1901.

The extent to which the proportional excess in the number of boys at birth varies in the different municipalities may be calculated from the returns presented in Table 1, on pages 17 to 23. The relative extent of this excess varies from year to year in the different areas.

The ratio of males to 1,000 females of all ages in Massachusetts, according to the census of 1915, was 965, as compared with 967 in 1910.

Nativity of Parents. — The number of births where both parents were foreign born (45,920) exceeded the number of births where both parents were native (31,971) by 13,949, or 43.6 per cent., in 1916 as compared with 15,022, or 48 per cent., in 1915. Only in the rural counties of Barnstable, Berkshire, Dukes, Franklin, Nantucket, and Plymouth did the births of native parents exceed the births of foreign-born parents. The number of children born of mixed parentage in 1916 was 15,525, or 124 more than in 1915.

¹ Duke, Emma. *Infant Mortality: Results of a Field Study in Johnstown, Pa.* United States Children's Bureau, Publication No. 9, 1915, p. 43.

² Sheets, Beatrice Duncan, and Duke, Emma. *Infant Mortality: Results of a Field Study in Manchester, N. H.* United States Children's Bureau, Publication No. 20, 1917, p. 33.

The proportion of children born of native parents shows a general decrease from 1890 until about 1910, since when the proportion has steadily increased. In 1916 the proportion was 34.5 per cent., the highest since 1890, when it was 34.7.

The proportion of children born of parents one of whom was native and the other foreign born was 16.6 in 1916 as compared with 16.5 in 1915, but was less than in any other year during the period 1890-1915. The number of children born of parents whose nativity was not reported on the birth certificate was only 71 in 1916, the lowest number for any year except 1914 (70). Since 1892, when there were 443 births whose parent nativity was not reported, there has been a general decline, suggestive of an improvement in the accuracy of birth registration during that period.

Plural Births. — In 1916 there were 955 plural births, 942 pairs of twins, and 13 cases of triplets, or 10.1 pairs of twins per 1,000 live births and 13.9 cases of triplets per 100,000 live births. The frequency of twins in Massachusetts in sixty-six consecutive years from 1851 to 1916 numbered 9.8 per 1,000 live births, and the frequency of triplets in the same period numbered 11 per 100,000 live births.

Natural Increase. — The excess of the birth rate over the death rate shows the ratio at which the community is reproducing itself by natural increase. In 1916 the birth rate was lower and the death rate was higher than in 1915, and the natural increase amounted to 9.9 per 1,000 population, as compared with 10.8 in 1915 and an average of 10.4 for the five years 1910 to 1914. Comparisons of the natural increase from 1851 to 1916 can not be made with absolute accuracy from the data shown in Table 4, on page 27, on account of the defective birth registration in the earlier years. Since 1850 the natural increase has fluctuated between 1.4 in 1864 to 12.0 in 1857 and 1859. Since 1881 the natural increase has more than doubled.

Those who view with apprehension the decline in the birth rate may take comfort from the fact that the births in this State are far in excess of the deaths. The excess was as great as 65.9 per cent. in 1916 (as compared with 43 per cent. in 1915). The population of the Commonwealth would, therefore, show a healthy increase from decade to decade if the present birth and death rates were to remain substantially unchanged, even though immigration should decrease.¹

¹ See also discussion of survivorship on page 12.

The distribution throughout the Commonwealth of the natural increase in 1916 may be calculated from the birth rates shown in Table 1, on pages 17 to 23, and the death rates shown in Table 33, on pages 110 to 117. Table 52, page 141, shows the natural increase for municipalities having over 15,000 inhabitants in 1915. Among these communities the natural increase varied from .3 per 1,000 in Northampton to 25 per 1,000 in Chicopee.

STATISTICAL TABLES.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION; AND BIRTH RATES¹ IN EACH COUNTY AND MUNICIPALITY: 1916.

COUNTIES AND MUNICIPALITIES.	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1916).	Birth rate ¹ per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign born.	Mixed.	Unknown.		
The State.	93,487	48,256	45,227	4	31,971	45,920	15,525	71	3,775,720	24.8
Barnstable County, . . .	525	279	246	-	255	174	95	1	29,140	18.0
Berkshire County, . . .	2,721	1,407	1,314	-	1,293	1,101	327	-	117,091	23.2
Bristol County, . . .	9,764	5,086	4,678	-	2,440	5,544	1,774	6	354,121	27.6
Dukes County, . . .	93	52	41	-	51	18	24	-	5,005	18.6
Essex County, . . .	11,426	5,923	5,503	-	3,787	5,693	1,941	5	470,515	24.3
Franklin County, . . .	1,044	545	499	-	518	400	126	-	49,430	21.1
Hampden County, . . .	7,976	4,094	3,882	-	2,520	4,327	1,126	3	270,904	29.4
Hampshire County, . . .	1,678	890	788	-	542	921	215	-	71,118	23.6
Middlesex County, . . .	17,356	8,965	8,391	-	6,468	7,593	3,275	20	749,685	23.2
Nantucket County, . . .	63	27	36	-	30	19	14	-	3,217	19.6
Norfolk County, . . .	3,986	2,035	1,950	1	1,606	1,664	708	8	209,220	19.1
Plymouth County, . . .	3,313	1,758	1,555	-	1,387	1,349	575	2	160,572	20.6
Suffolk County, . . .	21,949	11,348	10,598	3	6,977	11,545	3,408	19	846,945	25.9
Worcester County, . . .	11,593	5,847	5,746	-	4,097	5,572	1,917	7	438,530	26.4
MUNICIPALITIES.²										
Abington, . . .	95	51	44	-	49	36	10	-	5,694	16.7
Acton, . . .	29	12	17	-	12	13	4	-	2,155	13.5
Acushnet, . . .	68	32	36	-	19	32	17	-	2,562	26.5
Adams, . . .	420	220	200	-	92	285	43	-	13,266	31.7
Agawam, . . .	95	39	56	-	30	56	9	-	4,821	19.7
Alford, . . .	5	4	1	-	4	1	-	-	271	18.5
Amesbury, . . .	164	84	80	-	70	54	40	-	8,543	19.2
Amherst, . . .	95	45	50	-	52	32	11	-	5,670	16.8
Andover, . . .	133	73	60	-	43	67	23	-	8,149	16.3
Arlington, . . .	339	164	175	-	179	100	60	-	15,822	21.4
Ashburnham, . . .	38	20	18	-	20	12	6	-	2,059	18.5
Ashby, . . .	12	7	5	-	6	5	1	-	931	12.9
Ashfield, . . .	14	8	6	-	11	1	2	-	1,003	14.0
Ashland, . . .	36	21	15	-	19	12	5	-	2,086	17.3
Athol, . . .	228	120	108	-	122	87	19	-	10,097	22.6
ATTLEBORO, . . .	429	216	213	-	185	131	113	-	19,051	22.5
Auburn, . . .	58	31	27	-	32	14	12	-	3,498	16.6
Avon, . . .	32	17	15	-	23	3	6	-	2,202	14.5
Ayer, . . .	47	23	24	-	26	15	6	-	2,779	16.9
Barnstable, . . .	115	60	55	-	55	38	21	1	5,075	22.7
Barre, . . .	97	55	42	-	18	71	8	-	3,607	26.9
Becket, . . .	20	9	11	-	18	2	-	-	977	20.5
Bedford, . . .	16	9	7	-	7	6	3	-	1,399	11.4
Belchertown, . . .	34	18	16	-	16	13	5	-	2,064	16.5
Bellingham, . . .	31	13	18	-	13	11	7	-	2,018	15.4
Belmont, . . .	177	85	92	-	65	87	25	-	8,721	20.3
Berkley, . . .	13	8	5	-	2	6	5	-	985	13.2
Berlin, . . .	7	4	3	-	2	2	3	-	865	8.1
Bernardston, . . .	7	6	1	-	3	3	1	-	802	8.7
BEVERLY, . . .	509	242	267	-	219	193	97	-	24,045	21.2
Billerica, . . .	51	30	21	-	23	12	16	-	3,361	15.2
Blackstone, . . .	103	60	43	-	30	54	19	-	5,699	18.1
Blandford, . . .	10	7	3	-	9	-	1	-	623	16.1
Bolton, . . .	2	1	1	-	1	1	-	-	764	2.6
BOSTON, . . .	19,604	10,140	9,462	2	6,365	10,143	3,079	17	760,400	25.8

¹ All birth rates are based upon the total number of live births, including births in hospitals and institutions, and the total population. No allowances have been made for differences in the sex and age distribution of the population.

² Cities are printed in small capitals.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION; AND BIRTH RATES² IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1916).	Birth rate ² per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign born.	Mixed.	Unknown.		
Bourne,	69	27	42	—	28	35	6	—	2,722	25.3
Boxborough,	6	4	2	—	5	—	1	—	328	18.3
Boxford,	11	6	5	—	10	1	—	—	714	15.4
Boylston,	9	6	3	—	4	4	1	—	714	12.6
Braintree,	205	111	94	—	85	82	38	—	9,665	21.2
Brewster,	10	5	5	—	7	1	2	—	821	12.2
Bridgewater,	206	116	90	—	49	138	18	1	9,808	21.0
Brimfield,	10	6	4	—	6	2	2	—	951	10.5
BROCKTON,	1,471	780	691	—	598	610	263	—	63,652	23.1
Brookfield,	39	16	23	—	23	6	10	—	2,241	17.4
Brookline,	409	202	207	—	191	137	81	—	34,926	11.7
Buckland,	11	9	2	—	8	—	3	—	1,569	7.0
Burlington,	11	8	3	—	4	6	1	—	791	13.9
CAMBRIDGE,	2,691	1,386	1,305	—	846	1,409	436	—	109,826	24.5
Canton,	109	56	53	—	34	55	20	—	5,831	18.7
Carlisle,	5	3	2	—	3	—	2	—	490	10.2
Carver,	18	10	8	—	10	5	3	—	1,711	10.5
Charlemont,	5	3	2	—	5	—	—	—	977	5.1
Charlton,	42	19	23	—	22	9	11	—	2,259	18.6
Chatham,	22	10	12	—	22	—	—	—	1,693	13.0
Chelmsford,	95	52	43	—	46	21	28	—	5,225	18.2
CHELSEA,	1,490	774	715	1	302	1,015	172	1	46,193	32.3
Cheshire,	23	15	8	—	11	11	1	—	1,542	14.9
Chester,	30	22	8	—	16	10	4	—	1,344	22.3
Chesterfield,	9	4	5	—	7	1	1	—	565	15.9
CHICOPPEE,	1,226	628	598	—	186	868	171	1	31,332	39.1
Chilmark,	5	4	1	—	5	—	—	—	290	17.2
Clarksburg,	14	7	7	—	8	3	3	—	1,114	12.6
Clinton,	345	169	176	—	102	183	60	—	13,221	26.1
Cohasset,	50	29	21	—	28	12	10	—	2,854	17.5
Colrain,	37	17	20	—	24	7	6	—	1,851	20.0
Concord,	154	73	81	—	67	51	36	—	6,746	22.8
Conway,	16	9	7	—	12	1	3	—	1,220	13.1
Cummington,	8	5	3	—	8	—	—	—	666	12.0
Dalton,	62	34	28	—	49	9	4	—	3,931	15.8
Dana,	7	2	5	—	5	1	1	—	712	9.8
Danvers,	158	82	76	—	88	35	35	—	11,623	13.6
Dartmouth,	131	62	69	—	44	76	11	—	5,570	23.5
Dedham,	228	104	124	—	83	108	37	—	11,486	19.9
Deerfield,	56	22	34	—	14	36	6	—	2,873	19.5
Dennis,	19	11	8	—	16	—	3	—	1,822	10.4
Dighton,	53	31	22	—	16	27	10	—	2,566	20.7
Douglas,	67	34	33	—	17	42	8	—	2,186	30.6
Dover,	8	4	4	—	6	2	—	—	1,050	7.6
Dracut,	97	55	42	—	32	44	21	—	4,163	23.3
Dudley,	127	67	60	—	17	83	27	—	4,400	28.9
Dunstable,	3	2	1	—	2	—	1	—	362	8.3
Duxbury,	33	16	17	—	16	8	9	—	1,980	16.7
East Bridgewater,	65	30	35	—	27	31	7	—	3,771	17.2
East Longmeadow,	29	15	14	—	13	16	—	—	2,036	14.2
Eastham,	9	6	3	—	8	—	1	—	552	16.3
Easthampton,	348	190	158	—	70	229	49	—	9,867	35.3
Easton,	96	50	46	—	36	40	20	—	5,064	19.0
Edgartown,	24	16	8	—	12	4	8	—	1,297	18.5
Egremont,	5	2	3	—	5	—	—	—	599	8.4

¹ Cities are printed in small capitals.² See note 1 on page 17.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION; AND
BIRTH RATES² IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total num- ber.	SEX.			PARENT NATIVITY.				Popula- tion (esti- mated, July 1, 1916).	Birth rate ² per 1,000 popu- lation.
		Male.	Fe- male.	Unknown.	Na- tive.	For- eign born.	Mixed.	Unknown.		
Enfield,	11	4	7	-	4	6	1	-	806	13.6
Erving,	23	13	10	-	11	10	2	-	1,173	19.6
Essex,	20	9	11	-	11	2	7	-	1,691	11.8
EVERETT,	947	500	447	-	329	411	201	6	38,785	24.4
Fairhaven,	140	70	70	-	39	70	31	-	6,568	21.3
FALL RIVER,	3,690	1,935	1,755	-	853	2,193	642	2	126,177	29.2
Falmouth,	71	38	33	-	23	36	12	-	4,112	17.3
FITCHBURG,	1,300	642	658	-	362	707	231	-	40,117	32.4
Florida,	2	1	1	-	-	2	-	-	435	4.6
Foxborough,	46	19	27	-	30	9	7	-	3,755	12.3
Framingham,	458	239	219	-	200	182	75	1	16,594	27.6
Franklin,	156	79	76	1	63	69	22	2	6,641	23.5
Freetown,	33	19	14	-	18	11	3	1	1,711	19.3
Gardner,	438	210	228	-	87	278	73	-	16,799	26.1
Gay Head,	1	-	1	-	1	-	-	-	178	5.6
Georgetown,	35	14	21	-	25	5	5	-	2,083	16.8
Gill,	15	9	6	-	7	4	4	-	953	15.7
GLOUCESTER,	461	237	224	-	177	152	132	-	24,498	18.8
Goshen,	2	1	1	-	2	-	-	-	292	6.9
Gosnold,	1	-	1	-	-	1	-	-	156	6.4
Grafton,	124	65	59	-	43	57	24	-	6,387	19.4
Granby,	11	6	5	-	3	7	1	-	845	13.0
Granville,	12	6	6	-	5	7	-	-	785	15.3
Great Barrington,	163	96	67	-	78	77	8	-	6,804	24.0
Greenfield,	316	168	148	-	184	101	31	-	13,170	24.0
Greenwich,	6	3	3	-	4	-	2	-	426	14.1
Groton,	34	14	20	-	20	8	6	-	2,378	14.3
Groveland,	35	18	17	-	23	8	4	-	2,408	14.5
Hadley,	113	62	51	-	10	100	3	-	2,834	39.9
Halifax,	9	5	4	-	4	5	-	-	660	13.6
Hamilton,	37	18	19	-	18	15	3	1	1,912	19.4
Hampden,	7	3	4	-	5	1	1	-	676	10.4
Hancock,	7	4	3	-	6	-	1	-	526	13.3
Hanover,	48	30	18	-	20	21	7	-	2,752	17.4
Hanson,	40	17	23	-	18	16	6	-	1,796	22.3
Hardwick,	107	68	39	-	13	84	10	-	3,614	29.6
Harvard,	9	6	3	-	3	6	-	-	1,122	8.0
Harwich,	32	19	13	-	19	9	4	-	2,195	14.6
Hatfield,	118	65	53	-	23	88	7	-	2,795	42.2
HAVERHILL,	1,227	642	585	-	511	498	218	-	50,795	24.2
Hawley,	6	2	4	-	3	1	2	-	428	14.0
Heath,	6	4	2	-	3	-	3	-	392	15.3
Hingham,	94	47	47	-	47	23	24	-	5,339	17.6
Hinsdale,	21	5	16	-	10	10	1	-	1,293	16.2
Holbrook,	60	31	29	-	37	7	16	-	2,981	20.1
Holden,	45	21	24	-	25	13	7	-	2,607	17.3
Holland,	1	-	1	-	1	-	-	-	163	6.1
Holliston,	41	16	25	-	21	10	10	-	2,807	14.6
HOLYOKE,	1,599	785	814	-	429	891	279	-	61,594	26.0
Hopedale,	43	28	15	-	26	12	5	-	2,783	15.5
Hopkinton,	32	14	18	-	27	2	3	-	2,481	12.9
Hubbardston,	16	6	10	-	12	4	-	-	1,087	14.7
Hudson,	138	78	60	-	39	89	10	-	6,762	20.4
Hull,	43	19	24	-	18	10	15	-	2,337	18.4
Huntington,	37	22	15	-	30	5	2	-	1,427	25.9

¹ Cities are printed in small capitals.² See note 1 on page 17.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION; AND BIRTH RATES² IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1916).	Birth rate ² per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign born.	Mixed.	Unknown.		
Ipswich,	165	82	83	-	28	116	21	-	6,397	25.8
Kingston,	46	28	18	-	14	22	10	-	2,614	17.6
Lakeville,	21	10	11	-	13	5	3	-	1,579	13.3
Lancaster,	22	10	12	-	11	3	8	-	2,616	8.4
Lanesborough,	8	6	2	-	6	-	2	-	1,125	7.1
LAWRENCE,	2,833	1,494	1,339	-	470	2,006	357	-	91,360	31.0
Lee,	79	38	41	-	30	42	7	-	4,576	17.3
Leicester,	62	32	30	-	31	17	14	-	3,343	18.5
Lenox,	35	18	17	-	15	14	6	-	3,288	10.6
LEOMINSTER,	493	245	248	-	188	186	119	-	17,663	27.9
Leverett,	18	11	7	-	15	2	1	-	792	22.7
Lexington,	101	63	38	-	36	44	21	-	5,694	17.7
Leyden,	5	1	4	-	4	1	-	-	344	14.5
Lincoln,	19	10	9	-	7	6	6	-	1,344	14.1
Littleton,	23	10	13	-	11	8	4	-	-	-
Longmeadow,	18	10	8	-	13	5	-	-	1,958	9.2
LOWELL,	3,289	1,671	1,618	-	948	1,703	637	1	108,403	30.3
Ludlow,	301	168	133	-	60	199	41	1	6,579	45.8
Lunenburg,	38	28	10	-	31	8	4	-	1,665	22.8
LYNN,	2,205	1,144	1,061	-	773	994	436	2	97,433	22.6
Lynnfield,	13	7	6	-	9	1	3	-	1,163	11.2
MALDEN,	1,007	507	500	-	317	510	175	5	50,042	20.1
Manchester,	43	20	23	-	10	27	4	2	3,014	14.3
Mansfield,	119	59	60	-	46	52	21	-	5,920	20.1
Marblehead,	115	53	62	-	88	7	20	-	7,674	15.0
Marion,	24	12	12	-	10	13	1	-	1,494	16.1
MARLBOROUGH,	342	182	160	-	158	114	70	-	15,419	22.2
Marshfield,	28	19	9	-	18	7	3	-	1,725	16.2
Mashpee,	4	3	1	-	3	1	-	-	263	15.2
Mattapoisett,	19	10	9	-	7	9	3	-	1,382	13.7
Maynard,	184	106	78	-	24	142	18	-	6,866	26.8
Medfield,	29	14	15	-	19	7	3	-	3,694	7.9
MEDFORD,	721	395	326	-	377	172	172	-	32,364	22.3
Medway,	46	23	23	-	21	23	2	-	2,884	16.0
MELROSE,	325	169	156	-	172	76	77	-	17,194	18.9
Mendon,	12	7	5	-	8	1	3	-	946	12.7
Merrimac,	28	12	16	-	21	4	3	-	2,101	13.3
Methuen,	475	249	226	-	118	263	94	-	14,652	32.4
Middleborough,	192	109	83	-	94	64	34	-	8,736	22.0
Middlefield,	4	3	1	-	1	1	2	-	325	12.3
Middleton,	8	5	3	-	4	2	2	-	1,353	5.9
Milford,	411	210	201	-	132	223	55	1	13,843	29.7
Millbury,	140	60	80	-	83	28	29	-	5,503	25.4
Millis,	28	13	15	-	11	9	8	-	1,453	19.3
Millville,	29	14	15	-	13	13	3	-	- ³	- ³
Milton,	134	67	67	-	79	27	27	1	8,770	15.3
Monroe,	2	1	1	-	1	-	1	-	309	6.5
Monson,	60	33	27	-	41	15	4	-	5,066	11.8
Montague,	229	118	111	-	72	124	33	-	8,192	28.0
Monterey,	4	4	-	-	1	3	-	-	358	11.2
Montgomery,	3	2	1	-	1	1	1	-	233	12.9
Mount Washington,	1	-	1	-	1	-	-	-	95	10.5
Nahant,	21	9	12	-	9	5	7	-	1,438	14.6
Nantucket,	63	27	36	-	30	19	14	-	3,217	19.6
Natick,	241	128	113	-	124	73	44	-	11,435	21.1

¹ Cities are printed in small capitals.² See note 1 on page 17.³ Set off from Blackstone as a separate town in 1916.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION; AND BIRTH RATES² IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1916).	Birth rate ² per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign born.	Mixed.	Unknown.		
Needham,	142	72	70	-	59	48	35	-	6,924	20.5
New Ashford,	3	2	1	-	3	-	-	-	92	32.6
New Bedford,	3,497	1,839	1,658	-	640	2,213	643	1	112,824	31.0
New Braintree,	7	3	4	-	5	2	-	-	453	15.5
New Marlborough,	22	10	12	-	14	6	2	-	1,030	21.4
New Salem,	8	3	5	-	7	-	1	-	625	12.8
Newbury,	14	10	4	-	9	3	2	-	1,617	8.7
NEWBURYPORT,	354	203	151	-	200	108	46	-	15,402	23.0
NEWTON,	875	451	424	-	391	327	157	-	43,947	19.9
Norfolk,	16	7	9	-	6	10	-	-	1,346	11.9
NORTH ADAMS,	524	248	276	-	244	188	92	-	22,039	23.8
North Andover,	105	48	57	-	40	41	24	-	6,064	17.3
North Attleborough,	176	96	80	-	83	45	48	-	9,398	18.7
North Brookfield,	34	19	15	-	23	7	4	-	2,947	11.5
North Reading,	15	8	7	-	10	2	3	-	1,351	11.1
NORTHAMPTON,	463	244	219	-	181	224	58	-	22,214	20.8
Northborough,	26	14	12	-	20	-	5	1	1,818	14.3
Northbridge,	278	147	131	-	77	151	50	-	9,366	29.7
Northfield,	32	15	17	-	24	4	4	-	1,817	17.6
Norton,	54	33	21	-	26	23	5	-	2,598	20.8
Norwell,	20	9	11	-	14	2	4	-	1,602	12.5
Norwood,	379	192	187	-	93	254	32	-	11,724	32.3
Oak Bluffs,	37	18	19	-	19	7	11	-	1,286	28.8
Oakham,	6	1	5	-	4	-	2	-	527	11.4
Orange,	112	54	58	-	69	28	15	-	5,403	20.7
Orleans,	20	13	7	-	16	3	1	-	1,188	16.8
Otis,	8	3	5	-	6	2	-	-	442	18.1
Oxford,	75	34	41	-	40	15	20	-	3,505	21.4
Palmer,	341	182	159	-	83	214	43	1	9,684	35.2
Paxton,	10	7	3	-	5	5	-	-	485	20.6
Peabody,	595	303	292	-	164	367	64	-	19,357	30.7
Pelham,	8	4	4	-	6	-	2	-	499	16.0
Pembroke,	15	8	7	-	8	3	4	-	1,337	11.2
Pepperell,	43	21	22	-	23	10	10	-	2,839	15.2
Peru,	3	2	1	-	2	1	-	-	195	15.4
Petersham,	12	5	7	-	7	2	2	1	727	16.5
Phillipston,	7	5	2	-	5	-	1	1	390	17.9
PITTSFIELD,	1,126	591	535	-	590	401	135	-	41,494	27.1
Plainfield,	4	1	3	-	4	-	-	-	375	10.7
Plainville,	20	12	8	-	16	1	3	-	1,414	14.1
Plymouth,	299	151	148	-	100	145	53	1	13,124	22.8
Plympton,	4	-	4	-	1	2	1	-	609	6.6
Prescott,	6	4	2	-	4	-	2	-	299	20.1
Princeton,	8	4	4	-	3	3	2	-	800	10.0
Provincetown,	98	57	41	-	28	34	36	-	4,295	22.8
QUINCY,	1,064	582	482	-	337	523	204	-	42,699	24.9
Randolph,	93	40	53	-	47	23	23	-	4,843	19.2
Raynham,	33	16	17	-	17	10	6	-	1,831	18.0
Reading,	126	68	58	-	67	31	28	-	7,054	17.9
Rehoboth,	40	18	22	-	15	19	6	-	2,285	17.5
REVERE,	648	326	322	-	175	358	115	-	26,982	24.1
Richmond,	7	4	3	-	2	4	1	-	564	12.4
Rochester,	20	11	9	-	5	11	4	-	1,178	17.0
Rockland,	130	71	59	-	74	31	25	-	7,111	18.3
Rockport,	82	49	33	-	33	33	16	-	4,386	18.7

¹ Cities are printed in small capitals.² See note 1 on page 17.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION; AND
BIRTH RATES² IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total num- ber.	SEX.			PARENT NATIVITY.				Popula- tion (esti- mated, July 1, 1916).	Birth rate ² per 1,000 popu- lation.
		Male.	Fe- male.	Unknown.	Na- tive.	For- eign born.	Mixed.	Unknown.		
Rowe,	5	3	2	-	1	4	-	-	424	11.8
Rowley,	19	11	8	-	13	3	3	-	1,509	12.6
Royalston,	17	6	11	-	6	9	2	-	880	19.3
Russell,	38	16	22	-	14	18	6	-	1,139	33.4
Rutland,	17	9	8	-	10	6	1	-	1,933	8.8
SALEM,	1,126	592	534	-	385	536	205	-	37,200	30.3
Salisbury,	31	13	13	-	26	2	3	-	1,732	17.9
Sandisfield,	6	3	3	-	6	-	-	-	564	10.6
Sandwich,	13	7	6	-	6	4	3	-	1,500	8.7
Saugus,	179	86	93	-	73	64	42	-	10,775	16.6
Savoy,	6	3	3	-	4	2	-	-	529	11.3
Scituate,	40	22	18	-	19	10	11	-	2,706	14.8
Seekonk,	56	29	27	-	15	34	7	-	2,860	19.6
Sharon,	36	16	20	-	23	8	5	-	2,508	14.3
Sheffield,	25	14	11	-	16	6	3	-	1,873	13.3
Shelburne,	18	13	5	-	15	-	3	-	1,484	12.1
Sherborn,	17	8	9	-	11	4	2	-	1,764	9.6
Shirley,	48	29	19	-	18	22	8	-	2,279	21.1
Shrewsbury,	64	28	36	-	25	28	11	-	3,008	21.3
Shutesbury,	11	6	5	-	5	6	-	-	292	37.7
Somerset,	64	32	32	-	28	26	10	-	3,523	18.2
SOMERVILLE,	1,997	1,014	983	-	781	792	421	3	89,279	22.4
South Hadley,	83	42	41	-	22	30	31	-	5,251	15.8
Southampton,	15	9	6	-	10	4	1	-	970	15.5
Southborough,	30	8	22	-	9	13	8	-	1,927	15.6
Southbridge,	414	219	195	-	129	182	103	-	14,627	28.3
Southwick,	25	15	10	-	11	13	1	-	1,452	17.2
Spencer,	111	56	55	-	78	9	23	1	5,994	18.5
SPRINGFIELD,	3,281	1,673	1,608	-	1,363	1,434	484	-	106,512	30.8
Sterling,	22	11	11	-	8	9	5	-	1,403	15.7
Stockbridge,	20	11	9	-	14	4	2	-	1,901	10.5
Stoneham,	194	100	94	-	108	50	36	-	7,590	25.6
Stoughton,	141	70	71	-	52	66	19	4	7,150	19.7
Stow,	13	4	9	-	10	2	1	-	1,130	11.5
Sturbridge,	27	13	14	-	20	3	4	-	1,618	16.7
Sudbury,	10	5	5	-	6	2	2	-	1,228	8.1
Sunderland,	38	20	18	-	7	28	3	-	1,278	29.7
Sutton,	64	26	38	-	21	27	16	-	2,829	25.6
Swampscott,	178	83	95	-	93	66	19	-	7,633	23.3
Swansea,	41	20	21	-	18	19	4	-	2,704	15.2
TAUNTON,	970	489	481	-	308	494	166	2	36,640	26.5
Templeton,	74	30	44	-	30	32	12	-	4,162	17.8
Tewksbury,	48	16	32	-	22	9	17	-	5,647	-
State Infirmary,	122	65	57	-	55	58	7	2	-	-
Tisbury,	21	13	8	-	10	6	5	-	1,356	15.5
Tolland,	3	2	1	-	2	1	-	-	204	14.7
Topsfield,	12	6	6	-	6	6	-	-	1,173	10.2
Townsend,	17	9	8	-	9	3	5	-	1,825	9.3
Truro,	8	4	4	-	4	4	-	-	665	12.0
Tyngsborough,	18	10	8	-	9	3	6	-	1,002	18.0
Tyringham,	4	2	2	-	4	-	-	-	327	12.2
Upton,	15	8	7	-	13	-	2	-	2,036	7.4
Uxbridge,	131	75	56	-	49	56	24	2	4,984	26.3
Wakefield,	282	154	128	-	77	156	49	-	13,128	21.4
Wales,	6	3	3	-	4	1	1	-	337	17.8
Walpole,	143	69	74	-	69	54	20	-	5,641	25.4

¹ Cities are printed in small capitals.² See note 1 on page 17.

Table 1

LIVE BIRTHS, BY SEX AND PARENT NATIVITY; POPULATION; AND BIRTH RATES² IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total number.	SEX.			PARENT NATIVITY.				Population (estimated, July 1, 1916).	Birth rate ² per 1,000 population.
		Male.	Female.	Unknown.	Native.	Foreign born.	Mixed.	Unknown.		
WALTHAM,	675	367	308	-	269	280	125	1	30,739	22.0
Ware,	243	126	117	-	56	154	33	-	9,490	25.6
Wareham,	156	82	74	-	52	84	20	-	5,447	28.6
Warren,	113	53	60	-	27	72	14	-	4,288	26.4
Warwick,	6	2	4	-	2	3	1	-	477	12.6
Washington,	1	-	1	-	1	-	-	-	275	3.6
Watertown,	415	222	193	-	128	211	76	-	17,433	23.8
Wayland,	19	10	9	-	13	3	3	-	2,033	9.3
Webster,	342	176	166	-	106	172	64	-	12,831	26.7
Wellesley,	83	49	34	-	27	34	21	1	6,698	12.4
Wellfleet,	10	6	4	-	8	2	-	-	936	10.7
Wendell,	8	5	3	-	7	-	1	-	388	20.6
Wenham,	17	6	11	-	8	6	3	-	1,083	15.7
West Boylston,	21	13	8	-	7	10	4	-	1,330	15.8
West Bridgewater,	59	30	29	-	25	19	15	-	2,870	20.6
West Brookfield,	20	11	9	-	14	3	3	-	1,288	15.5
West Newbury,	18	8	10	-	12	3	3	-	1,543	11.7
West Springfield,	226	122	104	-	91	106	29	-	11,872	19.0
West Stockbridge,	25	10	15	-	5	18	2	-	1,279	19.5
West Tisbury,	4	1	3	-	4	-	-	-	442	9.0
Westborough,	58	26	32	-	29	13	16	-	6,046	9.6
Westfield,	548	298	250	-	132	370	46	-	19,008	28.8
Westford,	68	34	34	-	11	47	10	-	2,843	23.9
Westhampton,	7	2	5	-	7	-	-	-	432	16.2
Westminster,	20	6	14	-	10	7	3	-	1,655	12.1
Weston,	20	10	10	-	9	8	3	-	2,401	8.3
Westport,	61	32	29	-	32	23	6	-	3,346	18.2
Westwood,	26	14	12	-	14	5	7	-	1,494	17.4
Weymouth,	248	119	129	-	124	73	51	-	14,240	17.4
Whately,	40	23	17	-	4	36	-	-	1,118	35.8
Whitman,	118	65	53	-	77	19	22	-	7,577	15.6
Wilbraham,	107	59	48	-	5	99	3	-	2,569	41.7
Williamsburg,	45	26	19	-	16	26	3	-	2,118	21.2
Williamstown,	68	39	29	-	44	10	14	-	4,040	16.8
Wilmington,	59	26	33	-	31	16	12	-	2,449	24.1
Winchendon,	171	89	82	-	83	54	34	-	5,966	28.7
Winchester,	222	110	112	-	96	88	38	-	10,180	21.8
Windsor,	4	2	2	-	4	-	-	-	375	10.7
Winthrop,	207	108	99	-	135	29	42	1	13,420	15.4
WOBBURN,	382	188	194	-	162	138	81	1	16,688	22.9
WORCESTER,	4,941	2,489	2,452	-	1,751	2,478	712	-	166,910	29.6
Worthington,	8	4	4	-	6	1	1	-	630	12.7
Wrentham,	24	11	13	-	16	4	4	-	2,583	9.3
Yarmouth,	25	13	12	-	12	7	6	-	1,415	17.7

¹ Cities are printed in small capitals.² See note 1 on page 17.

Line No.	Table 2 COUNTIES AND CITIES HAVING OVER 50,000 INHABITANTS. (Grouped in Order of Population.)	LIVE BIRTHS BY MONTH OF BIRTH, PLURAL NATIVITY, IN COUNTIES AND IN												
		LIVE BIRTHS.												
		The year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
1	The State.	93,487	7,762	7,546	8,349	7,747	7,776	7,562	8,003	8,089	7,768	7,640	7,466	7,779
	COUNTIES.													
2	Suffolk,	21,949	1,769	1,789	1,991	1,805	1,841	1,768	1,928	1,918	1,799	1,870	1,672	1,799
3	Middlesex,	17,356	1,445	1,401	1,497	1,447	1,435	1,420	1,487	1,453	1,490	1,442	1,381	1,458
4	Essex,	11,426	928	903	957	962	974	957	976	1,015	911	947	927	969
5	Worcester,	11,593	1,012	948	1,047	967	920	919	935	1,022	960	918	971	974
6	Bristol,	9,764	828	827	853	818	838	775	850	841	804	771	761	798
7	Hampden,	7,976	635	615	704	641	661	651	664	684	684	661	701	675
8	Norfolk,	3,986	372	325	407	350	327	303	322	342	309	305	325	299
9	Plymouth,	3,313	291	281	320	294	279	279	290	285	267	238	221	268
10	Berkshire,	2,721	216	207	252	250	214	211	248	224	256	205	208	260
11	Hampshire,	1,678	125	125	159	120	135	135	155	163	132	142	142	145
12	Franklin,	1,044	83	77	91	74	98	81	79	87	93	86	96	99
13	Barnstable,	525	44	36	58	36	41	48	55	40	45	43	52	27
14	Dukes,	93	8	8	10	9	6	10	4	9	12	7	5	5
15	Nantucket,	63	6	4	3	4	7	5	10	6	6	5	4	3
	CITIES OVER 100,000.													
16	Boston,	19,604	1,574	1,579	1,802	1,624	1,632	1,594	1,720	1,703	1,614	1,677	1,491	1,594
17	Worcester,	4,941	416	404	463	431	353	378	398	461	392	415	423	407
18	Fall River,	3,690	312	289	342	329	308	271	315	347	310	294	264	309
19	Lowell,	3,289	300	271	305	255	272	274	281	265	270	254	267	275
20	Cambridge,	2,691	246	213	202	215	237	196	250	219	255	211	213	234
21	New Bedford,	3,497	311	300	283	293	296	307	304	284	270	289	286	274
22	Springfield,	3,281	245	260	301	253	280	271	273	264	277	269	298	290
	CITIES 50,000 TO 100,000.													
23	Lynn,	2,205	185	181	180	200	196	180	176	207	174	181	165	180
24	Lawrence,	2,833	258	217	229	228	240	238	232	239	226	231	237	258
25	Somerville,	1,997	172	168	173	163	159	168	167	174	175	171	162	145
26	Brocton,	1,471	124	134	135	117	99	136	125	120	117	109	111	144
27	Holyoke,	1,599	124	107	142	118	143	134	137	135	137	130	151	141

BIRTHS BY SEX, AND STILLBIRTHS BY SEX AND PARENT
CITIES HAVING OVER 50,000 INHABITANTS: 1916.

Line No.	Total.	PLURAL BIRTHS.						STILLBIRTHS.							
		TWINS.			TRIPLETS.			SEX.				PARENT NATIVITY.			
		Both sexes.	Males.	Females.	Both sexes.	Males.	Females.	Total — both sexes.	Males.	Females.	Un-known.	Native.	Foreign born.	Mixed.	Un-known.
1	1,923	1,884	962	922	39	25	14	3,300	1,916	1,334	50	1,123	1,650	503	24
2	480	480	252	228	-	-	-	751	421	319	11	238	393	118	2
3	360	348	181	167	12	9	3	632	371	238	23	223	302	96	11
4	247	244	117	127	3	3	-	409	240	169	-	139	200	67	3
5	240	234	115	119	6	5	1	411	243	163	5	156	192	61	2
6	179	176	96	80	3	-	3	367	224	142	1	93	212	59	3
7	145	142	75	67	3	1	2	273	160	110	3	91	132	49	1
8	99	90	49	41	9	6	3	130	66	63	1	58	56	15	1
9	74	74	28	46	-	-	-	136	81	49	6	51	69	15	1
10	36	36	21	15	-	-	-	81	48	33	-	38	31	12	-
11	36	36	18	18	-	-	-	52	31	21	-	14	33	5	-
12	18	18	7	11	-	-	-	40	22	18	-	14	22	4	-
13	9	6	3	3	3	1	2	14	7	7	-	5	7	2	-
14	-	-	-	-	-	-	-	3	2	1	-	2	1	-	-
15	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-
16	432	432	230	202	-	-	-	679	383	287	9	221	351	105	2
17	90	84	47	37	6	5	1	181	113	66	2	69	83	28	1
18	66	66	33	23	-	-	-	139	84	54	1	35	77	24	3
19	78	78	40	38	-	-	-	139	78	43	18	34	76	25	4
20	51	48	27	21	3	1	2	100	65	35	-	34	47	17	2
21	60	60	32	28	-	-	-	138	82	56	-	27	90	21	-
22	60	60	29	31	-	-	-	132	78	53	1	56	53	22	1
23	56	56	30	26	-	-	-	91	58	33	-	39	35	16	1
24	53	50	20	30	3	3	-	100	58	42	-	16	69	13	2
25	34	34	18	16	-	-	-	70	41	29	-	29	32	9	-
26	30	30	15	15	-	-	-	73	43	25	5	25	39	8	1
27	41	38	20	18	3	1	2	57	34	23	-	13	32	12	-

Table 3	YEARS.	Popula- tion (esti- mated, as of July 1).	LIVE BIRTHS, BY SEX AND PARENT NATIVITY: 1851 TO 1916.								
			Total num- ber.	SEX.				PARENT NATIVITY.			
				Males.	Fe- males.	Un- known.	Males to 1,000 females.	Native.	For- eign born.	Mixed.	Un- known.
1851.	1,020,674	28,661	14,949	13,613	119	1,098	16,735	9,846	-	2,100	
1852.	1,047,518	29,802	15,246	14,432	124	1,056	17,255	10,991	-	1,556	
1853.	1,075,063	30,920	15,798	14,965	157	1,056	16,040	11,753	1,494	1,633	
1854.	1,103,341	31,997	16,352	15,469	176	1,057	16,470	12,476	1,390	1,661	
1855.	1,132,369	32,845	16,785	15,888	172	1,056	15,947	13,708	1,617	1,573	
1856.	1,151,455	34,445	17,650	16,577	218	1,065	15,908	14,570	1,943	2,024	
1857.	1,170,855	35,320	18,023	17,121	176	1,053	16,261	15,235	1,975	1,851	
1858.	1,190,583	34,491	17,453	16,840	198	1,036	16,283	15,051	1,916	1,241	
1859.	1,210,645	35,422	18,108	17,152	162	1,056	15,973	15,678	2,306	1,465	
1860.	1,231,066	36,051	18,504	17,450	97	1,060	16,672	16,138	2,411	830	
1861.	1,238,176	35,445	18,286	17,078	81	1,076	16,097	16,125	2,482	741	
1862.	1,245,326	32,275	16,594	15,604	77	1,064	14,423	14,941	2,296	615	
1863.	1,252,517	30,314	15,692	14,579	43	1,076	13,066	14,540	2,144	564	
1864.	1,259,750	30,449	15,634	14,745	70	1,060	13,453	14,266	2,239	491	
1865.	1,267,031	30,249	15,623	14,554	72	1,073	13,276	14,130	2,406	437	
1866.	1,302,995	34,085	17,394	16,603	88	1,047	15,014	15,989	2,798	284	
1867.	1,339,979	35,062	17,859	17,140	63	1,042	14,697	16,911	3,087	367	
1868.	1,378,012	36,193	18,571	17,574	48	1,056	15,370	16,995	3,335	493	
1869.	1,417,124	36,141	18,606	17,500	35	1,063	15,100	17,229	3,558	254	
1870.	1,457,351	38,259	19,203	18,434	22	1,074	15,563	18,339	4,043	314	
1871.	1,494,337	39,791	20,289	19,488	14	1,041	15,797	19,120	4,414	460	
1872.	1,532,260	43,235	22,140	21,066	29	1,051	16,922	21,112	4,864	337	
1873.	1,571,142	44,481	22,974	21,485	22	1,069	17,647	21,293	5,201	340	
1874.	1,611,016	45,631	23,657	21,958	16	1,077	17,508	21,807	5,708	608	
1875.	1,651,912	43,996	22,457	21,513	26	1,044	17,314	20,289	5,829	564	
1876.	1,677,351	42,149	21,705	20,410	34	1,063	16,790	18,590	5,933	836	
1877.	1,703,182	41,850	21,466	20,375	9	1,053	16,897	18,071	6,074	808	
1878.	1,729,412	41,238	21,199	20,022	17	1,059	16,970	17,105	6,317	846	
1879.	1,756,043	40,295	20,658	19,623	14	1,054	16,768	16,298	6,398	831	
1880.	1,783,085	44,217	22,667	21,396	154	1,059	18,130	17,651	7,185	1,251	
1881.	1,813,818	45,220	23,014	22,069	137	1,043	18,218	18,169	7,386	1,447	
1882.	1,845,086	45,670	23,281	22,292	97	1,043	18,565	18,012	7,612	1,481	
1883.	1,876,895	47,285	24,388	22,875	22	1,066	18,412	19,188	8,169	1,516	
1884.	1,909,810	48,615	24,941	23,658	16	1,054	18,734	19,750	8,671	1,460	
1885.	1,942,141	48,790	25,053	23,716	21	1,056	18,822	19,733	8,872	1,363	
1886.	1,998,174	50,788	25,959	24,822	7	1,046	19,531	20,758	9,299	1,200	
1887.	2,055,821	53,174	27,245	25,915	14	1,052	20,207	22,781	9,878	308	
1888.	2,115,131	54,893	28,156	26,726	11	1,054	20,078	22,990	11,555	270	
1889.	2,176,153	57,075	29,017	28,042	16	1,036	20,260	24,760	11,763	292	
1890.	2,238,943	57,777	29,521	28,227	26	1,046	20,023	25,361	12,121	272	
1891.	2,288,911	63,004	32,532	30,434	38	1,068	21,325	28,097	13,230	352	
1892.	2,339,994	65,824	33,758	31,951	115	1,056	21,800	29,895	13,686	443	
1893.	2,392,217	67,192	34,328	32,829	35	1,046	21,788	31,448	13,669	287	
1894.	2,445,605	66,936	34,338	32,575	23	1,054	21,718	31,008	13,940	270	
1895.	2,500,183	67,545	34,623	32,905	17	1,052	21,851	31,628	13,847	219	
1896.	2,558,437	72,343	37,186	35,114	43	1,059	22,810	34,237	15,033	263	
1897.	2,618,048	73,205	37,689	35,489	27	1,062	23,824	35,256	13,918	207	
1898.	2,679,048	73,110	37,389	35,694	27	1,047	23,656	35,273	13,905	276	
1899.	2,741,470	70,457	36,199	34,258	-	1,057	22,409	34,238	13,604	206	
1900.	2,805,346	73,386	37,772	35,614	-	1,060	23,006	36,062	14,080	238	
1901.	2,849,047	71,976	37,004	34,972	-	1,058	22,516	35,370	13,847	243	
1902.	2,889,386	72,219	37,057	35,162	-	1,054	22,710	35,413	13,897	199	
1903.	2,929,725	73,584	38,210	35,374	-	1,080	22,941	36,346	14,174	123	
1904.	2,970,064	75,014	38,689	36,325	-	1,065	23,365	37,047	14,473	129	
1905.	3,015,872	75,022	38,484	36,538	-	1,080	23,785	37,085	14,021	131	
1906.	3,089,029	80,237	41,217	39,020	-	1,056	25,748	39,446	14,899	144	
1907.	3,162,186	85,001	43,486	41,515	-	1,047	26,561	43,004	15,324	112	
1908.	3,235,343	86,911	44,796	42,090	25	1,064	27,016	43,901	15,861	133	
1909.	3,308,500	84,039	43,339	40,679	21	1,061	26,525	42,596	14,785	133	
1910.	3,380,151	86,539	44,243	42,276	20	1,047	26,749	44,398	15,260	132	
1911.	3,446,079	88,327	45,352	42,961	14	1,056	27,390	45,741	15,054	142	
1912.	3,512,027	89,882	46,436	43,440	6	1,069	28,424	45,861	15,497	100	
1913.	3,577,935	91,644	47,039	44,541	4	1,057	29,387	46,737	15,430	90	
1914.	3,643,863	93,399	47,671	45,725	3	1,043	30,127	47,824	15,378	70	
1915.	3,709,792	93,155	47,786	45,363	6	1,053	31,325	46,347	15,401	82	
1916.	3,775,720	93,487	48,256	45,227	4	1,067	31,971	45,920	15,525	71	

Table 4

Table 4	LIVE BIRTHS: 1851 TO 1916.					STILLBIRTHS: 1851 TO 1916.						
	YEARS.	Birth rate per 1,000 population.	Excess of births over deaths. ¹	Natural increase—Excess of births over deaths per 1,000 population.	CASES OF PLURAL BIRTHS.		Total number.	Per 1,000 live births.	SEX.			
					Twins.	Trip-lets.			Males.	Fe-males.	Un-known.	Males to 1,000 fe-males.
1851.	28.1	9,727	9.5	248	6	527	19	134	83	310	1,614	
1852.	28.5	11,320	10.9	291	4	598		264	210	124	1,257	
1853.	28.8	10,619	9.9	255	5	568		278	178	112	1,562	
1854.	29.0	10,583	9.6	290	7	558		245	175	138	1,394	
1855.	29.0	12,047	10.6	290	4	725		350	236	139	1,483	
1856.	29.9	13,711	11.9	306	4	695	22	384	232	79	1,655	
1857.	30.2	14,040	12.0	365	3	739		420	228	91	1,842	
1858.	29.0	13,715	11.5	340	2	747		378	251	118	1,506	
1859.	29.3	14,666	12.0	353	2	739		379	256	104	1,480	
1860.	29.3	12,983	10.6	330	7	1,062		582	359	121	1,621	
1861.	28.6	11,360	9.1	366	3	1,017	28	532	398	87	1,337	
1862.	25.9	9,301	7.4	265	—	974		520	363	91	1,433	
1863.	24.2	2,553	2.0	303	5	903		485	353	65	1,374	
1864.	24.2	1,696	1.4	294	3	856		503	290	63	1,734	
1865.	23.9	4,097	3.3	288	5	859		467	317	75	1,473	
1866.	23.2	10,448	5.0	351	2	1,046	29	545	410	91	1,329	
1867.	26.2	12,289	9.2	333	5	1,007		551	392	64	1,406	
1868.	26.3	10,590	7.7	352	6	1,050		575	409	66	1,406	
1869.	25.5	10,087	7.1	339	6	1,094		617	412	65	1,498	
1870.	26.3	10,930	7.5	344	3	1,019		573	389	57	1,473	
1871.	26.6	11,848	7.9	362	5	1,390	29	790	520	80	1,519	
1872.	28.2	8,216	5.3	375	3	1,283		733	487	63	1,505	
1873.	28.3	10,569	6.7	407	5	1,246		715	455	76	1,571	
1874.	28.3	13,744	9.7	400	4	1,469		853	551	65	1,548	
1875.	26.6	9,018	4.9	380	3	1,374		789	517	68	1,526	
1876.	25.1	8,963	5.3	345	4	1,274	29	743	475	56	1,564	
1877.	24.6	10,508	6.2	398	5	1,254		710	474	70	1,498	
1878.	23.9	9,935	5.8	397	7	1,261		672	489	100	1,374	
1879.	23.0	8,494	4.9	353	1	1,261		695	473	93	1,469	
1880.	24.8	8,925	5.0	381	3	1,297		710	513	74	1,384	
1881.	24.9	8,762	4.8	389	9	1,466	33	794	585	87	1,357	
1882.	24.8	8,855	4.9	417	5	1,485		807	602	76	1,340	
1883.	25.1	9,537	5.0	394	5	1,589		880	594	115	1,481	
1884.	25.5	11,625	6.5	432	5	1,628		906	655	67	1,383	
1885.	25.1	10,696	5.5	376	4	1,589		885	637	67	1,389	
1886.	25.4	13,544	6.8	453	5	1,796	35	1,011	700	85	1,444	
1887.	25.9	12,411	6.1	451	6	1,794		1,035	726	33	1,426	
1888.	26.0	12,796	6.1	434	2	1,943		1,131	749	63	1,510	
1889.	26.2	15,298	7.0	547	3	2,021		1,158	768	95	1,508	
1890.	25.8	14,249	6.4	502	4	2,099		1,181	832	86	1,419	
1891.	27.5	17,819	7.8	618	7	2,222	37	1,310	829	83	1,580	
1892.	28.1	17,062	7.2	572	8	2,293		1,370	845	78	1,621	
1893.	28.1	18,108	7.6	610	9	2,444		1,420	921	103	1,542	
1894.	27.4	20,145	8.3	646	8	2,333		1,424	854	75	1,668	
1895.	27.0	20,005	8.0	736	9	2,367		1,423	892	52	1,595	
1896.	28.3	22,962	9.0	719	10	2,615	37	1,424	854	75	1,668	
1897.	28.0	25,786	9.9	768	3	2,652		1,636	1,005	11	1,628	
1898.	27.3	26,349	9.8	706	3	2,728		1,680	1,033	15	1,626	
1899.	25.7	22,747	8.3	756	9	2,649		1,593	1,034	22	1,541	
1900.	26.2	22,230	8.0	814	4	2,873		1,694	1,128	51	1,502	
1901.	25.3	23,701	8.4	726	9	2,682	37	1,415	1,208	59	1,171	
1902.	25.0	24,728	8.6	728	7	2,836		1,696	1,098	42	1,545	
1903.	25.1	24,530	8.4	850	11	2,635		1,533	1,014	88	1,512	
1904.	25.3	26,532	9.0	834	4	2,846		1,614	1,162	70	1,389	
1905.	24.9	24,536	8.2	803	14	2,618		1,515	1,043	60	1,314	
1906.	26.0	29,613	9.6	878	10	2,760	36	1,586	1,134	40	1,452	
1907.	26.9	30,767	9.7	928	10	3,079		1,757	1,274	48	1,379	
1908.	26.9	35,123	10.9	965	6	3,179		1,863	1,278	38	1,457	
1909.	25.4	32,803	9.9	881	4	3,102		1,834	1,219	49	1,505	
1910.	25.6	32,132	9.5	940	17	3,158		1,829	1,263	66	1,448	
1911.	25.6	35,265	10.2	915	14	3,280	35	1,825	1,408	47	1,296	
1912.	25.6	37,482	10.7	996	8	3,188		1,871	1,263	29	1,456	
1913.	25.6	38,242	10.7	996	13	3,175		1,872	1,275	28	1,468	
1914.	25.6	40,426	11.1	1,008	15	3,349		1,936	1,369	44	1,414	
1915.	25.2	40,045	10.8	952	9	3,161		1,815	1,312	34	1,383	
1916.	24.8	37,121	9.9	942	13	3,300	35	1,916	1,334	50	1,436	

¹ Exclusive of stillbirths.

Line No.	Table 5		LIVE BIRTHS AND BIRTH RATES FOR THE STATE, COUNTIES									
	YEARS.		The State.	COUNTIES.								
				Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.
LIVE BIRTHS.												
1	1871.	.	39,791	709	1,784	2,766	57	5,114	658	2,235	993	7,289
2	1872.	.	43,235	669	1,637	3,126	64	6,158	674	2,321	1,095	8,261
3	1873.	.	44,481	615	1,653	3,328	56	5,686	733	2,527	1,111	8,605
4	1874.	.	45,631	705	1,688	3,252	52	5,820	735	2,618	1,048	7,994
5	1875.	.	43,996	659	1,678	3,440	65	5,722	673	2,635	1,035	7,247
6	1876.	.	42,149	608	1,537	3,220	46	5,216	635	2,443	978	7,140
7	1877.	.	41,850	607	1,537	3,177	64	5,370	660	2,359	944	7,379
8	1878.	.	41,238	578	1,508	3,171	54	5,369	617	2,273	894	7,264
9	1879.	.	40,295	542	1,527	2,852	34	5,086	637	2,374	946	7,052
10	1880.	.	44,217	505	1,606	3,560	62	5,815	649	2,645	972	8,030
11	1881.	.	45,220	485	1,664	4,093	41	5,864	682	2,585	1,005	8,067
12	1882.	.	45,670	506	1,698	3,799	51	5,927	736	2,756	923	8,087
13	1883.	.	47,285	508	1,947	4,051	57	6,036	229	2,067	969	8,127
14	1884.	.	48,615	504	2,005	4,181	45	6,058	709	3,496	979	8,564
15	1885.	.	48,790	518	1,901	4,190	66	6,070	747	3,482	954	8,843
16	1886.	.	50,788	489	1,948	4,460	75	6,535	756	3,517	1,101	9,046
17	1887.	.	53,174	501	2,025	4,597	67	6,861	798	3,645	1,062	9,926
18	1888.	.	54,893	547	2,159	4,854	55	6,884	740	3,858	1,069	10,105
19	1889.	.	57,075	539	2,139	4,826	68	7,073	828	4,038	1,092	10,925
20	1890.	.	57,777	488	2,135	4,958	79	7,104	769	4,136	1,084	11,149
21	1891.	.	63,004	530	2,179	5,436	56	7,804	813	4,611	1,126	12,347
22	1892.	.	65,824	546	2,083	5,924	71	7,784	898	4,708	1,229	12,879
23	1893.	.	67,192	516	2,283	6,200	73	8,392	908	4,864	1,194	13,197
24	1894.	.	66,936	536	2,248	6,188	65	8,177	912	4,589	1,194	13,246
25	1895.	.	67,545	520	2,193	6,163	86	8,004	833	4,891	1,186	13,501
26	1896.	.	72,343	494	2,285	7,280	66	8,746	901	4,998	1,298	14,135
27	1897.	.	73,205	482	2,474	8,092	61	8,560	865	5,179	1,246	14,015
28	1898.	.	73,110	517	2,350	8,608	82	8,433	838	5,191	1,254	13,737
29	1899.	.	70,457	470	2,190	7,762	59	8,097	800	5,117	1,210	13,360
30	1900.	.	73,386	482	2,348	8,411	78	8,746	828	5,209	1,263	13,875
31	1901.	.	71,976	464	2,257	8,539	56	8,316	874	5,122	1,254	13,824
32	1902.	.	72,219	451	2,394	8,666	60	8,259	882	5,152	1,360	13,545
33	1903.	.	73,584	439	2,411	8,838	51	8,561	880	5,152	1,361	13,847
34	1904.	.	75,014	511	2,430	9,183	72	8,873	908	5,151	1,325	13,926
35	1905.	.	75,022	492	2,348	8,834	66	8,820	1,002	5,414	1,433	13,866
36	1906.	.	80,237	460	2,338	9,607	63	10,041	905	5,577	1,419	14,766
37	1907.	.	85,001	522	2,372	10,331	73	10,460	974	5,877	1,523	15,632
38	1908.	.	86,911	573	2,509	10,861	94	10,677	983	6,295	1,600	15,860
39	1909.	.	84,039	546	2,404	11,009	67	10,318	1,005	6,260	1,510	15,297
40	1910.	.	86,539	564	2,624	10,983	65	11,148	958	6,572	1,578	15,093
41	1911.	.	88,327	540	2,770	11,457	81	11,175	1,052	6,831	1,475	15,394
42	1912.	.	89,882	530	2,846	10,910	76	11,164	1,017	7,154	1,629	16,062
43	1913.	.	91,644	519	2,854	10,967	82	11,368	1,080	7,302	1,622	16,448
44	1914.	.	93,399	513	2,953	10,973	80	11,068	1,151	7,674	1,666	17,109
45	1915.	.	93,155	535	2,847	10,065	94	11,271	1,165	7,727	1,713	16,990
46	1916.	.	93,487	525	2,721	9,764	93	11,426	1,044	7,976	1,678	17,356
BIRTH RATES PER 1,000 POPULATION:												
47	1870.	.	26.2	20.4	24.9	26.1	13.5	23.7	19.7	25.1	22.9	27.1
48	1875.	.	26.6	20.5	24.6	26.2	16.0	25.6	20.0	27.9	21.3	25.5
49	1880.	.	24.8	15.8	23.3	25.6	14.4	23.8	18.0	25.4	20.6	25.3
50	1885.	.	25.1	17.4	25.7	26.4	16.0	23.0	19.9	29.8	19.7	24.7
51	1890.	.	25.8	16.4	26.3	26.6	18.1	23.7	19.7	30.5	20.9	25.9
52	1895.	.	27.0	18.8	25.4	28.1	20.3	34.7	20.8	32.0	21.7	27.0
53	1900.	.	26.2	17.3	24.5	33.4	17.1	24.4	20.1	29.7	21.5	24.5
54	1905.	.	24.9	18.3	23.8	32.6	14.5	23.0	23.1	27.5	23.0	22.7
55	1910.	.	25.6	20.5	24.9	30.5	14.4	25.4	22.0	28.2	24.9	22.4
56	1915.	.	25.2	18.6	24.8	29.0	19.2	24.3	24.1	29.4	24.6	23.2
57	1916.	.	24.8	18.0	23.2	27.6	18.6	24.3	21.1	29.4	23.6	23.2

¹ Not including Charlestown, which was annexed to Boston in 1874. The number of births

AND CITIES HAVING OVER 100,000 INHABITANTS IN 1915: 1871 TO 1916.

Line No.	COUNTIES — Con.					CITIES HAVING OVER 100,000 INHABITANTS IN 1915.						
	Nan-tucket.	Nor-folk.	Plym-outh.	Suf-folk.	Worce-ster.	Bos-ton.	Worce-ster.	Fall River.	Lowell.	Cam-bridge.	New Bedford.	Spring-field.
LIVE BIRTHS.												
1	51	2,316	1,464	9,006	5,349	8,518 ¹	1,540	946	884	1,317	462	744
2	56	2,416	1,452	9,761	5,515	9,244 ¹	1,577	1,284	1,087	1,335	482	765
3	55	2,517	1,549	10,254	5,792	9,672 ¹	1,638	1,410	1,351	1,335	473	872
4	60	2,173	1,521	12,271	5,694	11,697	1,636	1,305	1,352	1,339	501	894
5	57	2,276	1,469	11,582	5,458	10,984	1,486	1,476	1,291	1,252	566	908
6	77	2,024	1,455	11,324	5,451	10,751	1,554	1,374	1,259	1,206	543	750
7	64	2,052	1,459	11,070	5,098	10,494	1,414	1,356	1,333	1,423	505	749
8	69	2,039	1,338	10,715	5,349	10,160	1,455	1,319	1,315	1,362	545	712
9	59	2,004	1,301	10,742	5,139	10,165	1,462	1,082	1,410	1,401	528	719
10	56	2,074	1,346	11,148	5,749	10,573	1,778	1,431	1,763	1,599	710	833
11	60	2,141	1,450	11,124	5,959	10,463	1,800	1,876	1,831	1,498	727	869
12	47	2,229	1,500	11,617	5,794	10,927	1,908	1,519	1,755	1,456	743	846
13	64	2,222	1,445	11,908	6,155	11,206	1,932	1,600	1,673	1,542	889	931
14	57	2,267	1,488	12,063	6,198	11,372	2,045	1,567	1,755	1,538	964	1,026
15	36	2,329	1,528	12,092	6,034	11,373	1,957	1,767	1,749	1,613	874	968
16	36	2,322	1,553	12,596	6,454	11,864	2,051	1,841	1,860	1,627	1,043	996
17	55	2,430	1,595	12,776	6,836	12,048	2,250	1,943	1,815	1,837	1,066	1,081
18	46	2,487	1,667	13,334	7,088	12,534	2,293	2,013	1,846	1,966	1,164	1,190
19	52	2,778	1,736	13,525	7,356	12,650	2,464	2,149	2,215	2,063	1,128	1,169
20	50	2,710	1,758	14,046	7,320	13,137	2,511	2,282	2,185	2,122	1,044	1,200
21	52	2,947	1,905	15,227	7,971	14,248	2,759	2,470	2,229	2,416	1,300	1,345
22	50	2,956	1,946	16,542	8,208	15,466	2,853	2,596	2,751	2,338	1,659	1,395
23	55	3,132	2,144	15,538	8,696	14,412	3,094	2,794	2,688	2,416	1,617	1,473
24	55	3,105	1,976	16,408	8,237	15,188	2,951	2,770	2,710	2,383	1,762	1,298
25	55	3,147	2,064	16,768	8,134	15,551	2,822	2,768	2,693	2,448	1,692	1,438
26	61	3,238	2,217	17,779	8,845	16,477	3,180	3,374	2,764	2,539	2,127	1,502
27	44	3,229	2,104	18,167	8,687	16,884	3,007	4,138	2,595	2,510	2,241	1,553
28	51	3,345	2,142	17,798	8,764	16,577	3,080	4,726	2,413	2,594	2,048	1,584
29	38	3,295	2,194	17,294	8,571	16,151	3,070	3,987	2,415	2,508	2,065	1,512
30	39	3,286	2,270	17,588	9,003	16,328	3,131	4,327	2,596	2,648	2,230	1,560
31	45	3,202	2,205	16,840	9,158	15,561	3,291	4,054	2,794	2,525	2,440	1,449
32	36	3,239	2,200	16,820	9,155	15,516	3,349	4,341	2,493	2,476	2,437	1,592
33	44	3,338	2,249	16,946	9,467	15,664	3,501	4,448	2,510	2,528	2,469	1,647
34	43	3,568	2,329	17,148	9,547	15,730	3,540	4,514	2,519	2,528	2,620	1,624
35	49	3,518	2,449	17,266	9,465	15,661	3,510	4,092	2,500	2,453	2,765	1,810
36	45	3,875	2,727	18,765	9,649	17,062	3,743	4,333	2,547	2,768	2,949	1,816
37	51	3,840	2,937	20,165	10,244	18,229	3,998	4,622	2,704	2,826	3,272	2,019
38	41	3,972	3,083	19,890	10,473	18,359	3,978	4,838	2,743	2,887	3,580	2,184
39	54	3,772	2,989	19,091	9,717	17,584	3,645	4,692	2,648	2,643	3,836	2,258
40	39	3,929	3,036	19,471	10,479	17,672	3,923	4,591	2,632	2,436	3,863	2,445
41	61	3,953	3,156	19,815	10,567	17,844	4,122	4,617	2,580	2,621	4,160	2,512
42	50	3,619	3,318	20,886	10,621	18,745	4,167	4,714	2,748	2,605	3,594	2,779
43	51	3,778	3,330	21,372	10,871	19,109	4,520	4,664	2,794	2,713	3,647	2,866
44	61	3,921	3,302	21,794	11,134	19,467	4,667	4,703	2,914	2,745	3,574	2,986
45	51	4,049	3,410	22,083	11,155	19,713	4,504	3,910	2,944	2,610	3,533	3,099
46	63	3,986	3,313	21,949	11,593	19,604	4,941	3,690	3,289	2,691	3,497	3,281

CENSUS YEARS 1870 TO 1915; AND PER 1,000 ESTIMATED POPULATION, 1916.

47	11.6	25.2	22.4	31.8	26.0	32.2	30.0	31.9	22.6	33.0	21.5	28.3
48	17.8	25.8	21.2	31.7	26.4	33.1	30.1	32.6	26.0	26.2	21.9	29.2
49	15.3	21.4	18.2	28.8	25.4	29.1	30.5	29.2	29.6	30.4	26.4	25.0
50	11.5	22.8	18.7	28.7	24.7	29.1	28.6	31.1	27.3	27.0	26.2	25.8
51	15.3	22.8	19.0	29.0	26.1	29.3	29.7	30.7	28.1	30.3	25.6	27.2
52	18.2	23.3	20.3	31.1	26.5	31.3	28.7	31.0	31.9	30.0	30.6	27.9
53	13.0	21.7	19.9	28.8	26.0	29.1	26.4	41.3	27.3	28.8	35.7	25.1
54	16.7	20.9	19.1	26.4	26.0	26.3	27.4	26.4	38.7	25.2	37.2	24.6
55	13.2	20.9	20.9	26.5	26.1	26.4	26.9	38.5	24.8	23.2	40.0	27.5
56	16.1	20.0	21.7	26.7	25.9	26.4	27.7	31.3	27.3	24.0	32.2	30.1
57	19.6	19.1	20.6	25.9	26.4	25.8	29.6	29.2	30.3	24.5	31.0	30.8

registered in Charlestown in 1870 was 766; in 1871, 810; in 1872, 828; in 1873, 865.

Table 6 COUNTRIES.	BIRTH RATES PER 1,000 POPULATION IN FOREIGN COUNTRIES AND IN MASSACHUSETTS: 1891 TO 1915. ¹									
	1915.	1914.	1913.	1912.	1911.	1911 to 1915.	1906 to 1910.	1901 to 1905.	1896 to 1900.	1891 to 1895.
Australia, Commonwealth of,	27.3	28.1	28.3	28.7	27.2	27.9	26.7	26.4	27.7	32.4
Austria,	—	—	—	31.3	31.4	—	33.6	35.6	37.3	37.4
Belgium,	—	—	—	22.6	22.9	—	24.7	27.7	28.9	28.9
Bulgaria,	—	—	—	—	40.2	—	42.1	40.6	41.0	37.5
Ceylon,	37.0	38.1	38.6	33.3	37.9	37.0	37.5	38.8	37.2	31.7
Chile,	—	37.0	39.5	38.7	38.5	—	38.3	36.4	35.0	37.0
Denmark,	24.2	25.6	25.6	26.7	26.7	25.8	28.2	29.0	30.0	30.4
England and Wales,	22.0	23.8	24.1	23.9	24.3	23.6	26.2	28.2	29.3	30.5
Finland,	—	26.9	27.5	29.1	29.1	—	31.0	31.3	32.6	31.8
France,	—	18.0	19.0	19.0	18.7	—	19.9	21.2	21.9	22.3
German Empire,	—	—	27.5	28.3	28.6	—	31.7	34.3	36.0	36.3
Hungary,	—	—	—	36.3	35.0	—	36.7	37.4	39.4	41.7
Ireland,	22.0	22.6	22.8	23.0	23.2	22.7	23.4	23.1	23.3	23.0
Italy,	—	31.1	31.7	32.4	31.5	—	32.4	32.6	34.0	36.0
Jamaica,	34.6	38.9	35.3	38.8	39.0	37.3	37.5	39.0	38.9	38.6
Japan,	—	—	33.3	33.4	34.1	—	32.8	31.7	31.1	28.6
Massachusetts,	25.2	25.6	25.6	25.6	25.6	25.5	26.1	25.1	27.0	27.6
The Netherlands,	26.2	28.2	28.1	28.1	27.8	27.7	29.6	31.5	32.1	32.9
New Zealand,	25.3	26.0	26.1	26.5	26.0	26.0	27.1	26.6	25.7	27.7
Norway,	23.8	25.2	25.3	25.6	25.9	25.2	26.3	28.6	30.1	30.2
Ontario, Province of,	24.2	24.0	24.0	22.4	22.6	23.4	23.7	21.8	20.1	19.9
Prussia,	—	—	28.2	28.9	29.4	—	32.3	34.8	36.5	36.9
Rumania,	—	42.5	42.1	43.4	42.3	—	40.3	39.4	40.2	41.0
Russia (European),	—	—	—	—	—	—	45.4 ²	47.7	49.3	48.2
Scotland,	23.9	26.1	25.5	25.9	25.6	25.4	27.6	29.2	30.0	30.5
Serbia,	—	—	—	38.0	36.2	—	38.6	38.7	40.1	43.3
Spain,	—	29.8	30.4	32.6	31.2	—	33.6	35.3	34.3	35.3
Sweden,	21.6	22.9	23.1	23.7	24.0	23.1	25.5	26.1	26.9	27.4
Switzerland,	19.5	22.5	23.1	24.1	24.2	22.7	26.0	27.8	28.5	27.7
United Kingdom,	22.2	23.9	24.1	24.0	24.4	23.7	26.1	27.8	28.7	29.6
United States,	24.9 ³	—	—	—	—	25.3 ⁴	—	—	—	—

¹ Compiled from annual reports of the Registrar-General of England and Wales, annual reports on births, marriages, and deaths for Massachusetts, and United States Bureau of the Census report on birth statistics, 1915.

² Average for 4 years, 1906 to 1909.

³ Rate for 1915 for the birth-registration area comprising the six New England States, New York, Pennsylvania, Michigan, Minnesota, and the District of Columbia, with an estimated population of 31,150,803, representing 31 per cent. of the total for the United States.

⁴ Provisional birth-registration area comprising the six New England States, Pennsylvania, Michigan, the District of Columbia, and New York City.

Table 7

NATURAL INCREASE — EXCESS OF CRUDE BIRTH RATES
OVER CRUDE DEATH RATES — IN FOREIGN COUNTRIES AND IN
MASSACHUSETTS: 1891 TO 1915.¹

COUNTRIES.	1915.	1914.	1913.	1912.	1911.	1911 to 1915.	1906 to 1910.	1901 to 1905.	1896 to 1900.	1891 to 1895.
Australia, Commonwealth of,	16.6	17.6	17.5	17.5	16.5	17.1	16.0	14.7	14.9	19.1
Austria,	—	—	—	10.8	9.5	—	11.3	11.4	11.7	9.5
Belgium,	—	—	7.8	6.5	8.5	—	8.7	10.7	10.8	8.8
Bulgaria,	—	—	—	—	18.7	—	18.3	18.1	17.1	9.7
Ceylon,	11.8	5.9	10.2	.9	3.1	6.4	—	—	—	—
Chile,	—	9.2	9.4	9.0	7.4	—	7.0	6.2	6.2	4.4
Denmark,	11.4	13.0	13.1	13.7	13.1	10.9	14.5	14.2	13.6	11.8
England and Wales,	6.3	9.8	10.3	10.6	9.7	9.3	11.5	12.2	11.6	11.8
Finland,	—	11.3	11.4	12.8	12.6	—	13.6	12.7	13.6	11.3
France,	—	1.6 ²	2.3	1.5	.9 ²	—	.7	1.6	1.2	—
German Empire,	—	—	12.5	12.7	11.3	—	14.1	14.4	14.8	13.0
Hungary,	—	—	—	13.0	9.9	—	11.7	11.0	11.5	9.9
Ireland,	4.4	6.3	5.7	6.5	6.7	5.9	6.1	5.5	5.2	4.5
Italy,	—	13.2	13.0	14.2	10.1	—	11.4	10.7	11.1	10.5
Jamaica,	13.0	17.5	13.6	13.7	16.9	14.9	—	—	—	—
Japan,	—	—	13.8	13.4	13.7	—	11.9	10.8	10.4	7.5
Massachusetts,	10.8	11.1	10.7	10.7	9.2	8.7	9.8	8.4	8.9	7.8
The Netherlands,	13.8	15.8	15.8	15.8	13.3	14.9	15.3	15.5	14.9	13.3
New Zealand,	16.2	16.7	16.6	17.6	16.6	16.7	17.4	16.7	16.1	17.6
Norway,	10.5	11.7	12.1	12.1	12.7	11.8	12.5	14.1	14.5	13.4
Ontario, Province of,	12.2	12.2	11.3	10.0	10.0	11.1	9.7	8.8	8.5	9.3
Prussia,	—	13.3	—	13.4	12.2	—	15.0	15.2	15.5	14.1
Rumania,	—	18.7	16.2	20.5	17.0	—	14.3	13.9	12.8	10.0
Russia (European),	—	—	—	—	—	—	16.7 ³	16.8	17.4	12.4
Scotland,	6.8	10.6	10.0	10.6	10.5	9.7	11.5	12.2	12.0	11.5
Serbia,	—	—	—	16.9	14.4	—	14.2	16.3	15.3	14.4
Spain,	—	7.7	8.3	10.8	8.0	—	9.3	9.3	5.5	5.2
Sweden,	7.0	9.1	9.5	9.5	10.2	9.1	11.2	10.6	10.8	10.8
Switzerland,	6.2	8.7	8.8	10.0	8.4	8.4	10.0	10.3	10.4	7.9
United Kingdom,	6.6	9.5	9.8	10.1	9.6	9.1	11.0	11.4	10.9	10.9
United States,	10.9 ⁴	—	—	—	—	9.5 ⁵	—	—	—	—

¹ Compiled from annual reports of the Registrar-General of England and Wales, annual reports on births, marriages, and deaths for Massachusetts, and United States Bureau of the Census report on birth statistics, 1915.

² Decrease.

³ Average for 4 years, 1906 to 1909.

⁴ Rate for 1915 for the birth-registration area comprising the six New England States, New York, Pennsylvania, Michigan, Minnesota, and the District of Columbia, with an estimated population of 31,150,803, representing 31 per cent. of the total for the United States.

⁵ Natural increase for 1910 for the provisional birth registration area comprising the six New England States, Pennsylvania, Michigan, the District of Columbia, and New York City.

II.

MARRIAGE STATISTICS.

II.

MARRIAGE STATISTICS.

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INTRODUCTION.

Source of Data. — The original information from which marriage statistics are derived is obtained by the registration of marriages, the purpose of this registration being largely to protect the home and the family, and to furnish reliable evidence upon which to base the legitimacy of children and the dower rights of women.

Number of Marriages and Marriage Rates. — The marriages registered in Massachusetts during the year 1916 numbered 34,386, corresponding to a rate of 18.2 persons married per 1,000 population at all ages. This rate was 1.2 above the rate for 1915, and .1 above the average rate (18.1) for the decade 1905 to 1914. The number of marriages in 1916 was 3,085 more than the number registered in 1915, and 1,798 more than the number registered in 1914, which was the record year up to that time. The proportion of persons married per 1,000 population during the sixty-six years 1851 to 1916 has ranged between a maximum of 24.8 in 1854 and a minimum of 14.9 in 1878, the average annual rate for the whole period being 18.9. In 1916 the marriage rate for males was 18.6 per 1,000 male population, and the rate for females was 17.9 per 1,000 female population.

The more accurate method of measuring the marriage rate is to eliminate married persons and young children, and to calculate the rate on the unmarried, widowed, and divorced population of mar-

¹ For a list of the tables on marriage statistics, see page iv.

riageable age, usually those over 15 years of age. By this method we deal only with that section of the population in which marriages take place. In 1910 the number of persons married per 1,000 unmarried population 15 years of age and over was 51.8, which means that in that year something over 5 per cent. of the adult unmarried population married. This marriage rate for 1910 was 2.4 per 1,000 higher than the rate of 49.4 for 1900. The marriage rate for 1916, based on the estimated unmarried population 15 years of age and over, was 54.0, as compared with 50.0 in 1915 and 53 in 1914.

Marriages in Counties. — The counties having the highest marriage rates — persons married per 1,000 population — in 1916 were: Suffolk (22.0), Nantucket (21.1), and Plymouth (20.6), while those having the lowest rates were Franklin (13.9) and Norfolk and Dukes (14.0 each). The rate for Suffolk County is probably affected in some degree by the number of marriages of nonresidents who come to Boston for that purpose. No attempt has been made to compute the marriage rates of communities on the basis of the residence of the parties married.

Age at Marriage. — Two out of every five persons married were between the ages of 20 and 25 years; 37.3 per cent. of the grooms and 44 per cent. of the brides. Twenty-two per cent. of the marriages took place between males and females both between 20 and 25 years of age; 16 per cent. took place between males 25 to 29 years of age and females 20 to 24 years of age; 11.1 per cent. took place between males 20 to 24 years of age and females under 20 years of age.

Under the age of 20 years there were 882 grooms, or 2.6 per cent., of all the men married, and 5,956 brides, or 17.3 per cent., of all the women married. At the other extreme of life, above 60 years, were found 370, or 1.1 per cent., of all the men married, and 109, or .3 per cent., of all the women married.

First Marriages and Remarriages. — Marriages between bachelors and maids formed 85.3 per cent. of the 34,386 marriages which took place in 1916; marriages between widowers and maids formed 6.1 per cent.; marriages between bachelors and widows, 4.6 per cent., and marriages between widowers and widows, 4.1 per cent. These proportions for 1916 correspond very closely with the proportions in 1915 (85, 6.4, 4.2, and 4.1 per cent., respectively).

About one-fourth (25.8 per cent.) of the marriages between bachelors and maids were between bachelors 20 to 24 years of age and maids 20 to 24 years of age; 17.9 per cent. were between bachelors 25 to 29 years of age and maids 20 to 24 years of age; 12.9 per cent. were between bachelors 20 to 24 years of age and maids under 20 years of age.

Forty-one per cent. of the 30,893 bachelors who were married in 1916 were 20 to 24 years of age; 34.4 per cent. were 25 to 29 years of age; 12.7 per cent. were 30 to 34 years of age.

Forty-eight per cent. of the 31,404 maids who were married in 1916 were 20 to 24 years of age; 21.4 per cent. were 25 to 29 years of age; 18.9 per cent. were under 20 years of age.

Seventeen per cent. of the 3,493 widowers who were married in 1916 were 35 to 39 years of age; 14.9 per cent. were 40 to 44 years of age; 14 per cent. were 30 to 34 years of age; 12.5 per cent. were 45 to 49 years of age.

Nineteen per cent. of the 2,982 widows who were married in 1916 were 25 to 29 years of age; 18.2 per cent. were 35 to 39 years of age; 18.1 per cent. were 30 to 34 years of age.

One-fifth (20 per cent.) of the 2,081 widowers who married maids were 35 to 39 years of age; 17.8 per cent. were 30 to 34 years of age. Of the 2,081 maids who married widowers, 23.5 per cent. were 20 to 24 years of age; 23.2 per cent. were 25 to 29 years of age. The largest number of marriages between widowers and maids (169, or 8.1 per cent.) was between widowers 25 to 29 years of age and maids 20 to 24 years of age.

Twenty-eight per cent. of the 1,570 bachelors who married widows were 25 to 29 years of age; 22.5 per cent. were 30 to 34 years of age. Of the 1,570 widows who married bachelors, 27.8 per cent. were 25 to 29 years of age; 22.7 were 30 to 34 years of age. The largest number of marriages between bachelors and widows (205, or 13.1 per cent.) was between bachelors 25 to 29 years of age and widows 25 to 29 years of age.

Seventeen per cent. of the 1,412 widowers who married widows were 40 to 44 years of age; 15.6 per cent. were 50 to 54 years of age; 14.7 per cent. were 45 to 49 years of age. Of the 1,412 widows who married widowers, 18.5 per cent. were 35 to 39 years of age; 18.3 per cent. were 40 to 44 years of age; and 14.4 per cent. were 45 to 49 years of age. The largest number of marriages between

widowers and widows (84, or 5.9 per cent.) was between widowers 40 to 44 years of age and widows 40 to 44 years of age.

Ninety per cent. of 34,386 men who were married in 1916 were married for the first time; 3,272, or 9.5 per cent., were married for the second time; 212, or .6 per cent., for the third time; and 9 for the fourth time. Ninety-one per cent. of the 34,386 women who were married in 1916 were maids; 2,854, or 8.3 per cent., were married for the second time; 126, or .4 per cent., for the third time; and 2 for the fourth time.

Nativity of Persons married. — Both the bride and groom were native in 47 per cent. of the marriages which took place in 1916; in 33.3 per cent. both parties were foreign born; in 10.3 per cent. the groom was foreign born and the bride native; and in 9.3 per cent. the groom was native and the bride foreign born. The proportion of marriages in which the groom was native and the bride foreign born has declined in recent years; the proportion of marriages in which both parties were foreign born has increased; and the proportions in which both parties were native and in which the bride was native and the groom foreign born have shown but little change.

Months in which Marriages were celebrated. — The largest number of marriages were celebrated in June, 4,792, or 13.9 per cent. of all the marriages in 1916 taking place during that month. Since the months are not of equal length, the monthly incidence must be reduced to a uniform basis. The average daily number of marriages for 1916 was 94. The months showing a higher average than that for the year were: June (160), October (133), November (121), September (120). The months showing a lower average than that for the year were: July (87), February (85), May (83), August (79), January (76), April (71), December (67), March (51).

STATISTICAL TABLES.

Table 8

MARRIAGES, BY NATIVITY, AND MARRIAGE RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

COUNTIES AND MUNICIPALITIES. ¹	Total couples.	NATIVITY.				Marriage rate ² — persons married per 1,000 popu- lation.
		BRIDE AND GROOM BOTH —		Native groom and foreign- born bride.	Foreign- born groom and native bride.	
		Native.	Foreign born.			
The State.	34,386	16,176	11,450	3,211	3,549	18.2
Barnstable County,	232	155	45	15	17	15.9
Berkshire County,	829	486	184	71	88	14.2
Bristol County,	3,278	1,324	1,235	307	412	18.5
Dukes County,	35	20	4	5	6	14.0
Essex County,	4,462	2,121	1,510	412	419	19.0
Franklin County,	344	228	69	25	22	13.9
Hampden County,	2,513	1,160	912	196	245	18.6
Hampshire County,	652	331	234	35	52	18.3
Middlesex County,	6,186	3,194	1,723	650	619	16.5
Nantucket County,	34	23	5	3	3	21.1
Norfolk County,	1,466	768	381	174	143	14.0
Plymouth County,	1,251	716	334	82	119	20.6
Suffolk County,	9,322	3,810	3,544	933	1,035	22.0
Worcester County,	3,782	1,840	1,270	303	369	17.2
MUNICIPALITIES.¹						
Abington,	35	26	5	1	3	12.3
Acton,	16	12	2	1	1	14.8
Acushnet,	11	5	2	—	4	8.6
Adams,	117	60	35	7	15	17.6
Agawam,	20	17	1	—	2	8.3
Alford,	—	—	—	—	—	—
Amesbury,	80	50	17	6	7	18.7
Amherst,	47	38	5	2	2	16.6
Andover,	46	23	12	6	5	11.3
Arlington,	102	65	24	5	8	12.9
Ashburnham,	8	8	—	—	—	7.8
Ashby,	4	3	—	1	—	8.6
Ashfield,	6	4	1	1	—	12.0
Ashland,	11	6	3	1	1	10.5
Athol,	63	35	19	2	7	12.5
ATTLEBORO,	176	103	22	24	27	18.5
Auburn,	17	10	3	3	1	9.7
Avon,	8	7	—	—	1	7.3
Ayer,	15	10	1	2	2	10.8
Barnstable,	50	36	8	1	5	19.7
Barre,	18	13	2	3	—	10.0
Becket,	6	6	—	—	—	12.3
Bedford,	7	4	—	—	3	10.0
Belchertown,	9	9	—	—	—	8.7
Bellingham,	4	3	—	—	1	4.0
Belmont,	40	22	11	3	4	9.2
Berkley,	7	7	—	—	—	14.2
Berlin,	6	5	—	1	—	13.9
Bernardston,	6	6	—	—	—	15.0
BEVERLY,	174	112	30	19	13	14.5
Billerica,	17	11	2	2	2	10.1
Blackstone,	29	22	2	3	2	10.2
Blandford,	6	5	—	1	—	19.3
Bolton,	2	1	—	—	1	5.2
BOSTON,	8,552	3,515	3,217	875	945	22.5

¹ Cities are printed in small capitals.² The rates shown in this column are "crude" rates and are based upon the total number of marriages, including marriages of nonresidents, and the total population. No allowances have been made for differences in the sex and age distribution of the population.

Table 8	MARRIAGES, BY NATIVITY, AND MARRIAGE RATES IN EACH COUNTY AND MUNICIPALITY: 1916.					
	MUNICIPALITIES. ¹	Total couples.	NATIVITY.			Marriage rate ² — persons married per 1,000 popu- lation.
			BRIDE AND GROOM BOTH —		Native groom and foreign- born bride.	
			Native.	Foreign born.		
Bourne,	20	8	10	2	—	14.7
Boxborough,	—	—	—	—	—	—
Boxford,	6	6	—	—	—	16.8
Boylston,	6	5	1	—	—	16.8
Braintree,	76	49	10	10	7	15.7
Brewster,	6	3	1	2	—	14.6
Bridgewater,	54	26	23	2	3	11.0
Brimfield,	4	2	—	—	2	8.4
BROCKTON,	609	317	187	36	69	19.1
Brookfield,	17	11	2	2	2	15.2
Brookline,	347	152	121	55	19	19.9
Buckland,	16	11	—	5	—	20.4
Burlington,	3	3	—	—	—	7.6
CAMBRIDGE,	1,113	502	380	113	118	20.3
Canton,	41	25	10	1	5	14.1
Carlisle,	4	3	—	—	1	16.3
Carver,	2	—	—	—	2	2.3
Charlemont,	3	3	—	—	—	6.1
Charlton,	13	8	2	1	2	11.5
Chatham,	20	18	—	1	1	23.6
Chelmsford,	34	25	6	1	2	13.0
CHELSEA,	485	129	270	29	57	21.0
Cheshire,	6	4	—	—	2	7.8
Chester,	7	6	—	—	1	10.4
Chesterfield,	3	2	—	—	1	10.6
CHICOPEE,	318	113	139	29	37	20.3
Chilmark,	2	2	—	—	—	13.8
Clarksburg,	7	4	—	2	1	12.6
Clinton,	121	52	43	7	19	18.3
Cohasset,	39	20	6	7	6	27.3
Colrain,	17	16	1	—	—	18.4
Concord,	44	28	6	6	4	13.0
Conway,	4	2	1	—	1	6.6
Cummington,	6	6	—	—	—	18.0
Dalton,	34	28	2	2	2	17.3
Dana,	4	4	—	—	—	11.2
Danvers,	60	43	2	9	6	10.3
Dartmouth,	21	8	11	—	2	7.5
Dedham,	54	25	11	7	11	9.4
Deerfield,	17	8	7	1	1	11.8
Dennis,	16	13	2	1	—	17.6
Dighton,	21	7	8	3	3	16.4
Douglas,	21	6	12	2	1	19.2
Dover,	3	2	—	—	1	5.7
Dracut,	24	15	4	2	3	11.5
Dudley,	16	6	6	2	2	7.3
Dunstable,	1	—	—	1	—	5.5
Duxbury,	8	5	1	1	1	8.1
East Bridgewater,	15	9	3	1	2	8.0
East Longmeadow,	7	4	1	—	2	6.9
Eastham,	2	1	—	1	—	7.2
Easthampton,	150	33	102	3	12	30.4
Easton,	32	18	11	1	2	12.6
Edgartown,	8	4	—	2	2	12.3
Egremont,	4	3	—	1	—	13.4

¹ Cities are printed in small capitals.² See note 2 on page 39.

Table 8

MARRIAGES, BY NATIVITY, AND MARRIAGE RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total couples.	NATIVITY.				Marriage rate ² — persons married per 1,000 popu- lation.
		BRIDE AND GROOM BOTH —		Native groom and foreign- born bride.	Foreign- born groom and native bride.	
		Native.	Foreign born.			
Enfield,	5	5	—	—	—	12.4
Erving,	2	1	—	—	1	3.4
Essex,	15	12	1	—	2	17.7
EVERETT,	301	158	62	35	46	15.5
Fairhaven,	44	25	5	8	6	13.4
TALL RIVER,	1,163	486	444	93	140	18.4
Falmouth,	40	23	14	—	3	19.5
FITCHBURG,	424	163	170	49	42	21.1
Florida,	1	1	—	—	—	4.6
Foxborough,	19	13	1	2	3	10.1
Framingham,	161	98	36	18	9	19.4
Franklin,	49	32	6	7	4	14.8
Freetown,	6	5	—	1	—	7.0
Gardner,	133	45	72	7	9	15.8
Gay Head,	—	—	—	—	—	—
Georgetown,	11	10	1	—	—	10.6
Gill,	1	1	—	—	—	2.1
GLOUCESTER,	160	87	34	17	22	13.1
Goshen,	2	2	—	—	—	13.7
Gosnold,	—	—	—	—	—	—
Grafton,	67	35	19	6	7	21.0
Granby,	4	2	1	1	—	9.5
Granville,	1	1	—	—	—	2.5
Great Barrington,	53	26	22	3	2	15.6
Greenfield,	100	63	28	6	3	15.2
Greenwich,	3	3	—	—	—	14.1
Groton,	5	4	—	—	1	4.2
Groveland,	16	14	—	2	—	13.3
Hadley,	18	7	9	1	1	12.7
Halifax,	2	1	1	—	—	6.1
Hamilton,	10	7	—	1	2	10.5
Hampden,	6	5	—	1	—	17.8
Hancock,	1	1	—	—	—	3.8
Hanover,	28	14	12	1	1	20.3
Hanson,	7	4	1	—	2	7.8
Hardwick,	51	11	31	4	5	28.2
Harvard,	6	4	—	1	1	10.7
Harwich,	14	10	3	1	—	12.8
Hatfield,	18	4	13	—	1	12.9
HAVERHILL,	531	302	145	40	44	20.9
Hawley,	1	1	—	—	—	4.7
Heath,	3	3	—	—	—	15.3
Hingham,	31	24	6	1	—	11.6
Hinsdale,	4	1	—	2	1	6.2
Holbrook,	18	15	—	—	3	12.1
Holden,	18	8	3	3	4	13.8
Holland,	2	1	—	—	1	24.5
Holliston,	12	7	2	2	1	8.6
HOLYOKE,	533	238	220	57	68	18.9
Hopedale,	8	8	—	—	—	5.7
Hopkinton,	14	12	1	—	1	11.3
Hubbardston,	3	2	1	—	—	5.5
Hudson,	77	43	28	3	3	22.8
Hull,	17	13	1	3	—	14.6
Huntington,	14	10	2	—	2	19.6

¹ Cities are printed in small capitals.² See note 2 on page 39.

Table 8	MARRIAGES, BY NATIVITY, AND MARRIAGE RATES IN EACH COUNTY AND MUNICIPALITY: 1916.					
	MUNICIPALITIES. ¹	Total couples.	NATIVITY.			
			BRIDE AND GROOM BOTH —		Native groom and foreign- born bride.	Foreign- born groom and native bride.
			Native.	Foreign born.		
						Marriage rate ² — persons married per 1,000 popu- lation.
Ipswich,	89	22	56	7	4	27.8
Kingston,	23	14	6	1	2	17.8
Lakeville,	8	3	3	2	—	10.1
Lancaster,	22	14	—	4	4	16.8
Lanesborough,	1	1	—	—	—	1.8
LAWRENCE,	1,111	270	642	85	114	24.3
Lee,	28	23	3	2	—	12.2
Leicester,	27	17	5	2	3	16.2
Lenox,	12	7	1	2	2	7.3
LEOMINSTER,	125	77	27	10	11	14.2
Leverett,	1	1	—	—	—	2.5
Lexington,	45	31	8	3	3	15.8
Leyden,	—	—	—	—	—	—
Lincoln,	4	1	2	—	1	6.0
Littleton,	10	9	—	—	1	—
Longmeadow,	12	11	1	—	—	12.3
LOWELL,	1,166	451	461	130	124	21.5
Ludlow,	140	17	111	7	5	42.6
Lunenburg,	8	6	1	1	—	9.6
LYNN,	1,043	537	291	110	105	21.4
Lynnfield,	2	2	—	—	—	3.4
MALDEN,	480	252	135	50	43	19.2
Manchester,	21	6	9	3	3	13.9
Mansfield,	35	22	4	1	8	12.0
Marblehead,	57	48	1	6	2	14.9
Marion,	10	7	2	1	—	13.4
MARLBOROUGH,	122	88	21	4	9	15.8
Marshfield,	11	8	—	—	3	12.8
Mashpee,	1	1	—	—	—	7.6
Mattapoisett,	6	5	—	—	1	8.7
Maynard,	78	17	48	5	8	22.7
Medfield,	24	9	5	7	3	13.0
MEDFORD,	214	124	37	27	26	13.2
Medway,	26	14	8	1	3	18.0
MELROSE,	122	87	12	10	13	14.2
Mendon,	1	1	—	—	—	12.1
Merrimac,	12	11	1	—	—	11.4
Methuen,	109	44	25	20	20	14.9
Middleborough,	54	35	11	6	2	12.4
Middlefield,	1	1	—	—	—	6.2
Middleton,	3	3	—	—	—	4.4
Milford,	124	54	52	5	13	17.9
Millbury,	30	19	2	3	6	10.9
Millis,	5	3	—	1	1	6.9
Millville,	6	5	—	—	1	—
Milton,	29	16	7	4	2	6.6
Monroe,	1	—	—	1	—	6.5
Monson,	21	12	5	2	2	8.3
Montague,	70	38	19	6	7	17.1
Monterey,	1	1	—	—	—	5.6
Montgomery,	—	—	—	—	—	—
Mount Washington,	—	—	—	—	—	—
Nahant,	8	3	4	1	—	11.1
Nantucket,	34	23	5	3	3	21.1
Natick,	78	56	12	5	5	13.6

¹ Cities are printed in small capitals.² See note 2 on page 39.

Table 8

MARRIAGES, BY NATIVITY, AND MARRIAGE RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total couples.	NATIVITY.				Marriage rate ² — persons married per 1,000 popu- lation.
		BRIDE AND GROOM BOTH —		Native groom and foreign- born bride.	Foreign- born groom and native bride.	
		Native.	Foreign born.			
Needham,	48	24	12	4	8	13.9
New Ashford,	—	—	—	—	—	—
New Bedford,	1,207	333	576	128	170	21.4
New Braintree,	1	—	—	—	1	4.4
New Marlborough,	2	2	—	—	—	3.9
New Salem,	5	5	—	—	—	16.0
Newbury,	12	12	—	—	—	14.8
NEWBURYPORT,	126	88	21	10	7	16.4
NEWTON,	321	187	73	34	27	14.6
Norfolk,	7	3	3	—	1	10.4
NORTH ADAMS,	164	94	30	18	22	14.9
North Andover,	36	23	5	4	4	11.9
North Attleborough,	75	51	11	6	7	16.0
North Brookfield,	24	16	1	2	5	16.3
North Reading,	5	5	—	—	—	7.4
NORTHAMPTON,	219	118	64	17	20	19.7
Northborough,	17	10	4	1	2	18.7
Northbridge,	65	26	22	10	7	13.9
Northfield,	12	9	—	2	1	13.2
Norton,	13	10	—	1	2	10.0
Norwell,	4	3	1	—	—	5.0
Norwood,	82	33	35	8	6	14.0
Oak Bluffs,	11	6	2	2	1	17.1
Oakham,	1	1	—	—	—	3.8
Orange,	38	28	2	2	6	14.1
Orleans,	4	1	—	3	—	6.7
Otis,	—	—	—	—	—	—
Oxford,	30	21	1	3	5	17.1
Palmer,	87	39	31	7	10	18.0
Paxton,	1	1	—	—	—	4.1
Peabody,	177	68	88	10	11	18.3
Pelham,	6	5	—	—	1	24.0
Pembroke,	3	3	—	—	—	4.5
Pepperell,	18	12	2	3	1	6.3
Peru,	2	2	—	—	—	20.5
Petersham,	6	6	—	—	—	16.5
Phillipston,	4	4	—	—	—	20.5
PITTSFIELD,	328	178	87	27	36	15.8
Plainfield,	3	3	—	—	—	16.0
Plainville,	12	10	—	1	1	17.0
Plymouth,	118	48	47	11	12	18.0
Plympton,	—	—	—	—	—	—
Prescott,	—	—	—	—	—	—
Princeton,	2	1	—	1	—	5.0
Provincetown,	36	24	5	—	7	16.8
QUINCY,	329	159	101	34	35	15.4
Randolph,	22	20	—	1	1	9.1
Raynham,	7	2	2	—	3	7.6
Reading,	46	27	6	11	2	13.0
Rehoboth,	11	7	—	—	4	9.6
REVERE,	198	97	53	24	24	14.7
Richmond,	3	2	—	—	1	10.6
Rochester,	3	3	—	—	—	5.1
Rockland,	60	48	5	2	5	16.9
Rockport,	25	15	6	3	1	11.4

¹ Cities are printed in small capitals.² See note 2 on page 39.

Table 8	MARRIAGES, BY NATIVITY, AND MARRIAGE RATES IN EACH COUNTY AND MUNICIPALITY: 1916.						
	MUNICIPALITIES. ¹	Total couples.	NATIVITY.				Marriage rate ² — persons married per 1,000 popu- lation.
			BRIDE AND GROOM BOTH —		Native groom and foreign- born bride.	Foreign- born groom and native bride.	
			Native.	Foreign born.			
Rowe,	—	—	—	—	—	—	—
Rowley,	7	7	—	—	—	—	9.3
Royalston,	3	1	1	1	—	—	6.8
Russell,	4	3	—	—	—	1	7.0
Rutland,	8	6	—	—	1	1	8.3
SALEM,	368	191	103	37	37	—	19.8
Salisbury,	13	9	—	1	3	—	15.0
Sandisfield,	2	1	1	—	—	—	7.1
Sandwich,	10	6	2	1	1	—	13.3
Saugus,	58	44	6	5	3	—	10.8
Savoy,	2	2	—	—	—	—	7.6
Scituate,	14	9	—	3	2	—	10.3
Seekonk,	18	8	6	3	1	—	12.6
Sharon,	7	5	2	—	—	—	5.6
Sheffield,	11	9	—	1	1	—	11.7
Shelburne,	18	18	—	—	—	—	24.3
Sherborn,	5	4	—	—	1	—	5.7
Shirley,	16	8	6	1	1	—	14.0
Shrewsbury,	11	8	1	2	—	—	7.3
Shutesbury,	2	2	—	—	—	—	13.7
Somerset,	20	12	5	2	1	—	11.4
SOMERVILLE,	636	350	143	73	70	—	14.2
South Hadley,	33	22	4	3	4	—	12.6
Southampton,	4	4	—	—	—	—	8.2
Southborough,	10	7	—	2	1	—	10.4
Southbridge,	129	63	35	11	20	—	17.6
Southwick,	5	4	1	—	—	—	6.9
Spencer,	52	42	1	3	6	—	17.4
SPRINGFIELD,	1,062	564	320	81	97	—	19.9
Sterling,	6	5	—	—	1	—	8.6
Stockbridge,	7	6	—	1	—	—	7.4
Stoneham,	36	28	2	4	2	—	9.5
Stoughton,	38	18	13	5	2	—	10.6
Stow,	4	3	—	—	1	—	7.1
Sturbridge,	8	7	1	—	—	—	9.9
Sudbury,	5	5	—	—	—	—	8.1
Sunderland,	11	2	8	—	1	—	17.2
Sutton,	12	5	4	—	3	—	8.5
Swampscott,	53	35	7	7	4	—	13.9
Swansea,	15	7	4	2	2	—	11.1
TAUNTON,	388	203	123	33	29	—	21.2
Templeton,	26	21	4	1	—	—	12.5
Tewksbury,	12	8	1	3	—	—	4.3
Tisbury,	9	4	2	1	2	—	13.3
Tolland,	1	1	—	—	—	—	9.8
Topsfield,	9	5	2	2	—	—	15.3
Townsend,	7	6	—	1	—	—	7.7
Truro,	1	1	—	—	—	—	3.0
Tyngsborough,	6	4	—	1	1	—	12.0
Tyringham,	1	1	—	—	—	—	6.1
Upton,	8	6	—	2	—	—	7.9
Uxbridge,	47	27	10	3	7	—	18.9
Wakefield,	88	44	23	13	8	—	13.4
Wales,	2	1	—	1	—	—	11.9
Walpole,	36	20	7	4	5	—	12.8

¹ Cities are printed in small capitals.² See note 2 on page 39.

Table 8

MARRIAGES, BY NATIVITY, AND MARRIAGE RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

IN EACH COUNTY AND MUNICIPALITY, 1910.						
MUNICIPALITIES. ¹	Total couples.	NATIVITY.				Marriage rate ² — persons married per 1,000 popu- lation.
		BRIDE AND GROOM BOTH —		Native groom and foreign- born bride.	Foreign- born groom and native bride.	
		Native.	Foreign born.			
WALTHAM,	244	138	56	32	18	15.9
Ware,	87	45	26	8	8	18.3
Wareham,	58	36	16	2	4	21.3
Warren,	27	11	14	2	—	12.6
Warwick,	3	2	—	—	1	12.6
Washington,	3	1	—	—	2	21.8
Watertown,	142	71	42	17	12	16.3
Wayland,	15	11	1	3	—	14.8
Webster,	112	59	25	12	16	17.5
Wellesley,	45	25	10	6	4	13.4
Wellfleet,	6	6	—	—	—	12.8
Wendell,	3	3	—	—	—	15.5
Wenham,	3	2	1	—	—	5.5
West Boylston,	4	3	1	—	—	6.0
West Bridgewater,	12	8	1	2	1	8.4
West Brookfield,	13	13	—	—	—	20.2
West Newbury,	11	10	—	1	—	14.3
West Springfield,	58	43	7	2	6	9.8
West Stockbridge,	3	1	1	1	—	4.7
West Tisbury,	5	4	—	—	1	22.6
Westborough,	30	20	2	7	1	9.9
Westfield,	135	68	49	7	11	14.2
Westford,	34	4	22	4	4	23.9
Westhampton,	3	3	—	—	—	13.9
Westminster,	2	2	—	—	—	2.4
Weston,	10	5	2	1	2	8.3
Westport,	8	5	1	1	1	4.8
Westwood,	7	4	3	—	—	9.4
Weymouth,	83	55	10	8	10	13.1
Whately,	4	1	2	1	—	7.2
Whitman,	59	47	2	6	4	15.6
Wilbraham,	32	5	26	1	—	24.9
Williamsburg,	17	9	8	—	—	16.1
Williamstown,	26	21	2	2	1	6.4
Wilmington,	18	12	2	1	3	14.7
Winchendon,	42	28	8	1	5	14.1
Winchester,	75	41	18	9	7	14.7
Windsor,	—	—	—	—	—	—
Winthrop,	87	69	4	5	9	13.0
WOBURN,	119	74	20	9	16	14.3
WORCESTER,	1,687	765	660	117	145	20.2
Worthington,	—	—	—	—	—	—
Wrentham,	8	7	—	1	—	6.2
Yarmouth,	6	4	—	2	—	8.5

¹ Cities are printed in small capitals.² See note 2 on page 39.

Line No.	Table 9 MONTHS.	MARRIAGES IN COUNTIES AND IN									
		THE STATE.		COUNTIES.							
		Total number.	Average daily number.	Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.
1	The Year.	34,386	94	232	829	3,278	35	4,462	344	2,513	652
2	January, . . .	2,353	76	18	60	235	2	295	28	158	44
3	February, . . .	2,384	85	13	46	216	—	339	16	197	58
4	March, . . .	1,576	51	11	28	140	—	207	14	89	22
5	April, . . .	2,135	71	9	49	98	1	260	20	142	26
6	May, . . .	2,581	83	16	64	358	5	312	36	227	72
7	June, . . .	4,792	160	19	143	389	2	612	42	346	87
8	July, . . .	2,711	87	18	52	309	5	376	24	177	52
9	August, . . .	2,460	79	17	60	269	4	320	28	159	52
10	September, . . .	3,586	120	33	93	359	7	524	40	272	58
11	October, . . .	4,112	133	29	110	390	7	495	41	336	84
12	November, . . .	3,616	121	33	78	385	2	451	37	286	67
13	December, . . .	2,080	67	16	46	130	—	271	18	124	30

Line No.	Table 10 COUNTIES AND SEX.	All ages.	MARRIAGES IN EACH							
			13 years.	14 years.	15 years.	16 years.	17 years.	18 years.	19 years.	20 to 24 years.
1	The State.									
2	Grooms, . . .	34,386	—	—	—	3	40	259	580	12,814
	Brides, . . .	34,386	1	14	75	338	778	1,940	2,810	15,125
3	BARNSTABLE:									
4	Grooms, . . .	232	—	—	—	—	—	3	9	92
	Brides, . . .	232	—	—	2	6	8	15	19	85
5	BERKSHIRE:									
6	Grooms, . . .	829	—	—	—	—	2	3	20	319
	Brides, . . .	829	—	—	4	10	21	58	68	341
7	BRISTOL:									
8	Grooms, . . .	3,278	—	—	—	—	2	38	78	1,463
	Brides, . . .	3,278	—	2	7	34	110	253	304	1,537
9	DUKES:									
10	Grooms, . . .	35	—	—	—	—	—	—	1	12
	Brides, . . .	35	—	—	—	1	3	2	6	10
11	ESSEX:									
12	Grooms, . . .	4,462	—	—	—	1	10	41	90	1,747
	Brides, . . .	4,462	—	4	12	60	109	280	409	2,008
13	FRANKLIN:									
14	Grooms, . . .	344	—	—	—	—	—	1	8	135
	Brides, . . .	344	—	—	1	3	9	31	29	138
15	HAMPDEN:									
16	Grooms, . . .	2,513	—	—	—	—	1	13	38	1,094
	Brides, . . .	2,513	—	—	1	25	54	139	256	1,210
17	HAMPSHIRE:									
18	Grooms, . . .	652	—	—	—	—	—	4	9	304
	Brides, . . .	652	—	—	1	5	16	41	60	330
19	MIDDLESEX:									
20	Grooms, . . .	6,186	—	—	—	—	13	56	94	2,135
	Brides, . . .	6,186	—	—	7	59	114	254	427	2,724
21	NANTUCKET:									
22	Grooms, . . .	34	—	—	—	—	—	—	—	9
	Brides, . . .	34	—	—	—	—	—	4	4	14
23	NORFOLK:									
24	Grooms, . . .	1,466	—	—	—	1	2	10	19	475
	Brides, . . .	1,466	—	—	4	12	32	60	94	601
25	PLYMOUTH:									
26	Grooms, . . .	1,251	—	—	—	—	2	13	22	461
	Brides, . . .	1,251	—	1	3	15	29	88	108	525
27	SUFFOLK:									
28	Grooms, . . .	9,322	—	—	—	1	7	49	111	3,085
	Brides, . . .	9,322	1	5	22	59	182	450	689	3,945
29	WORCESTER:									
30	Grooms, . . .	3,782	—	—	—	—	1	28	81	1,483
	Brides, . . .	3,782	—	2	11	49	91	265	337	1,657

CITIES HAVING OVER 100,000 INHABITANTS, BY MONTHS: 1916.

Line No.	COUNTIES — Con.						CITIES HAVING OVER 100,000 INHABITANTS.						
	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Boston.	Worcester.	Fall River.	New Bedford.	Cambridge.	Lowell.	Springfield.
1	6,186	34	1,466	1,251	9,322	3,782	8,552	1,687	1,163	1,207	1,113	1,166	1,062
2	372	1	100	92	670	278	610	131	81	87	72	86	68
3	370	2	81	76	705	265	644	107	74	87	88	75	81
4	278	1	63	67	508	148	471	71	57	50	47	47	46
5	461	1	102	80	659	227	614	119	35	31	85	79	74
6	389	5	89	70	595	343	541	147	133	136	69	93	75
7	972	5	246	146	1,260	523	1,174	217	134	149	159	170	157
8	437	1	102	131	741	286	676	123	104	112	78	78	58
9	420	4	98	92	624	313	563	136	106	98	73	79	63
10	642	3	139	131	922	363	836	172	122	140	116	115	131
11	792	2	213	151	1,024	438	929	202	143	139	138	135	138
12	684	7	147	118	936	385	870	170	139	128	122	135	113
13	369	2	86	97	678	213	624	92	35	50	66	74	58

COUNTY, BY SEX AND AGE: 1916.

Line No.	25 to 29 years.	30 to 34 years.	35 to 39 years.	40 to 44 years.	45 to 49 years.	50 to 54 years.	55 to 59 years.	60 to 64 years.	65 to 69 years.	70 to 74 years.	75 to 79 years.	80 years and over.
1	10,977	4,411	2,197	1,186	738	489	322	167	114	62	23	4
2	7,285	2,820	1,482	762	464	242	141	67	26	14	2	—
3	53	18	23	8	9	6	1	4	3	2	1	—
4	44	26	7	6	5	2	5	1	1	—	—	—
5	270	103	46	24	17	8	8	5	2	2	—	—
6	182	77	28	20	8	4	7	1	—	—	—	—
7	963	342	163	74	52	51	26	13	6	6	1	—
8	580	208	100	67	34	23	8	8	1	1	1	—
9	9	2	4	1	—	1	2	1	1	1	—	—
10	1	6	—	2	1	—	1	—	1	1	—	—
11	1,393	524	262	147	86	62	42	23	19	12	3	—
12	843	316	187	86	57	48	24	14	4	1	—	—
13	107	24	19	7	12	6	14	5	3	1	2	—
14	67	21	15	12	10	4	3	—	—	1	—	—
15	810	259	118	73	47	24	20	8	6	1	1	—
16	484	164	86	41	31	14	5	3	—	—	—	—
17	204	49	31	22	8	7	5	5	2	2	—	—
18	119	34	18	17	4	2	3	—	—	2	—	—
19	2,051	852	411	217	154	82	54	25	27	11	3	1
20	1,487	542	269	131	80	42	25	12	9	4	—	—
21	7	5	5	2	4	1	—	—	—	—	1	—
22	6	2	1	1	2	—	—	—	—	—	—	—
23	474	244	105	54	32	27	8	6	4	5	—	—
24	362	146	75	42	20	7	4	3	3	1	—	—
25	376	176	73	43	39	15	14	10	4	2	1	—
26	258	101	55	26	15	13	10	4	—	—	—	—
27	3,050	1,349	720	405	219	145	93	47	24	8	8	1
28	2,082	897	508	227	144	61	28	14	4	3	1	—
29	1,210	464	217	109	59	54	35	15	13	9	2	2
30	770	280	133	84	53	22	18	7	3	—	—	—

AGE OF GROOMS.	AGE OF BRIDES.														
	All ages.	Under 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 and over.
All Ages.	34,386	5,956	15,125	7,285	2,820	1,482	762	464	242	141	67	26	14	2	-
Under 20,	882	595	266	19	2	-	-	-	-	-	-	-	-	-	-
20 to 24,	12,814	3,808	7,672	1,184	125	19	5	1	-	-	-	-	-	-	-
25 to 29,	10,977	1,320	5,502	3,447	568	119	17	2	2	-	-	-	-	-	-
30 to 34,	4,411	165	1,207	1,682	1,017	278	45	15	2	-	-	-	-	-	-
35 to 39,	2,197	50	341	618	604	427	117	32	6	2	-	-	-	-	-
40 to 44,	1,186	8	82	190	282	309	222	68	15	6	3	1	-	-	-
45 to 49,	738	3	37	90	128	183	147	106	32	9	2	-	1	-	-
50 to 54,	489	5	9	32	50	87	107	111	65	12	7	1	2	1	-
55 to 59,	322	1	5	18	27	32	58	59	61	45	12	3	1	-	-
60 to 64,	167	-	2	3	11	11	24	28	37	34	14	2	1	-	-
65 to 69,	114	-	2	1	4	14	9	26	13	20	15	9	1	-	-
70 to 74,	62	-	-	-	2	3	9	9	7	10	11	7	4	-	-
75 to 79,	23	1	-	1	-	-	2	6	1	3	3	2	3	1	-
80 and over,	4	-	-	-	-	-	-	1	1	-	-	1	1	-	-

[illegible]

Table 13

FIRST MARRIAGES OF GROOMS AND RE-MARRIAGES OF BRIDES, BY AGE: 1916.

AGE OF
GROOMS
(BACHELORS).

AGE OF BRIDES (WIDOWS).

	All ages.	Un- der 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 and over.
All Ages.	1,570	10	171	437	357	281	171	82	35	11	9	4	2	-	-
Under 20, . . .	5	-	2	3	-	-	-	-	-	-	-	-	-	-	-
20 to 24, . . .	204	4	65	84	40	7	4	-	-	-	-	-	-	-	-
25 to 29, . . .	440	6	65	205	101	45	15	2	1	-	-	-	-	-	-
30 to 34, . . .	353	-	28	95	122	72	25	10	1	-	-	-	-	-	-
35 to 39, . . .	259	-	9	36	66	88	41	13	5	1	-	-	-	-	-
40 to 44, . . .	153	-	1	9	20	43	48	23	4	2	2	1	-	-	-
45 to 49, . . .	87	-	1	4	6	18	25	17	12	2	1	-	1	-	-
50 to 54, . . .	41	-	-	1	-	6	5	15	8	1	4	-	1	-	-
55 to 59, . . .	20	-	-	-	1	1	8	2	3	3	1	1	-	-	-
60 to 64, . . .	7	-	-	-	1	1	-	-	1	2	-	2	-	-	-
65 to 69, . . .	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
70 to 74, . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75 to 79, . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80 and over, .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 14

RE-MARRIAGES OF GROOMS AND FIRST MARRIAGES OF BRIDES, BY AGE: 1916.

AGE OF GROOMS
(WIDOWERS).

AGE OF BRIDES (MAIDS).

	All ages.	Un- der 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 and over.
All Ages.	2,081	121	491	483	401	254	156	103	40	22	7	2	1	-	-
Under 20, . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20 to 24, . . .	86	24	48	11	3	-	-	-	-	-	-	-	-	-	-
25 to 29, . . .	320	49	169	75	21	5	1	-	-	-	-	-	-	-	-
30 to 34, . . .	371	20	111	140	82	16	1	1	-	-	-	-	-	-	-
35 to 39, . . .	417	16	88	134	103	63	12	1	-	-	-	-	-	-	-
40 to 44, . . .	281	4	41	51	90	55	30	9	1	-	-	-	-	-	-
45 to 49, . . .	231	3	19	41	55	57	34	19	1	2	-	-	-	-	-
50 to 54, . . .	154	4	6	21	27	25	32	29	8	2	-	-	-	-	-
55 to 59, . . .	89	1	5	5	12	15	22	11	12	5	1	-	-	-	-
60 to 64, . . .	59	-	2	3	7	6	11	12	14	4	-	-	-	-	-
65 to 69, . . .	44	-	2	1	-	11	5	12	2	7	2	2	-	-	-
70 to 74, . . .	18	-	-	-	1	1	7	4	1	1	2	-	1	-	-
75 to 79, . . .	10	-	-	1	-	-	1	4	1	1	2	-	-	-	-
80 and over, .	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-

Table 15	RE-MARRIAGES OF BOTH PARTIES, BY AGE: 1916.															
	AGE OF BRIDES (WIDOWS).															
	AGE OF GROOMS (WIDOWERS).	All ages.	Under 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 and over.
	All Ages.	1,412	1	38	131	183	261	259	204	154	99	50	19	11	2	-
	Under 20, . . .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	20 to 24, . . .	7	-	4	2	1	-	-	-	-	-	-	-	-	-	-
	25 to 29, . . .	39	-	9	17	8	4	1	-	-	-	-	-	-	-	-
	30 to 34, . . .	119	-	10	30	45	27	5	1	1	-	-	-	-	-	-
	35 to 39, . . .	178	-	7	35	42	58	27	7	1	1	-	-	-	-	-
	40 to 44, . . .	240	-	6	22	31	60	84	23	10	3	1	-	-	-	-
	45 to 49, . . .	207	-	2	12	25	51	52	45	17	2	1	-	-	-	-
	50 to 54, . . .	220	-	-	5	16	42	49	49	44	9	3	1	1	1	-
	55 to 59, . . .	184	-	-	8	9	10	23	44	43	34	10	2	1	-	-
	60 to 64, . . .	95	-	-	-	1	4	12	15	21	27	14	-	7	1	-
	65 to 69, . . .	64	-	-	-	4	3	3	13	10	12	11	7	3	-	-
	70 to 74, . . .	44	-	-	-	1	2	2	5	6	9	9	7	3	-	-
	75 to 79, . . .	12	1	-	-	-	-	1	2	-	2	1	1	3	1	-
	80 and over, . . .	3	-	-	-	-	-	-	-	1	-	-	1	1	-	-

Table 16	FIRST MARRIAGES AND RE-MARRIAGES: 1916.					
	GROOMS.	Total number of marriages.	BRIDES.			
			First marriage.	Second marriage.	Third marriage.	Fourth marriage.
Total Number.	34,386	31,404	2,854	126	2	
First marriage,	30,893	29,323	1,537	33	-	
Second marriage,	3,272	2,001	1,194	76	1	
Third marriage,	212	78	119	15	-	
Fourth marriage,	9	2	4	2	1	

Table 17

MARRIAGES, MARRIAGE RATES, AND NATIVITY OF PERSONS
MARRIED: 1870 TO 1916.

YEARS.	Total number.	RATES — PERSONS MARRIED PER 1,000 POPULATION.		NATIVITY — PERCENTAGES.			
		Annual.	Annual average.	BRIDE AND GROOM BOTH —		Native groom and foreign- born bride.	Foreign- born groom and native bride.
				Native.	Foreign born.		
1870, . . .	14,721	20.2	—	56.9	29.0	6.1	8.0
1871, . . .	15,746	21.1	19.7	55.9	29.4	6.2	8.5
1872, . . .	16,142	21.1		53.9	30.8	6.9	8.4
1873, . . .	16,437	20.9		53.3	31.1	6.6	9.0
1874, . . .	15,564	19.3		53.7	29.3	6.9	9.1
1875, . . .	13,663	16.3		57.0	27.1	7.1	8.8
1876, . . .	12,749	15.2	15.6	58.6	25.5	7.6	8.3
1877, . . .	12,758	15.0		60.1	22.8	8.0	9.1
1878, . . .	12,893	14.9		61.5	21.5	8.3	8.7
1879, . . .	13,802	15.7		62.3	20.2	8.3	9.2
1880, . . .	15,538	17.4		60.1	21.8	9.0	9.1
1881, . . .	16,768	18.5	18.6	58.1	23.4	10.0	8.5
1882, . . .	17,684	19.2		55.7	25.6	9.9	8.8
1883, . . .	18,194	19.4		55.0	26.1	10.0	8.9
1884, . . .	17,333	18.2		52.9	27.4	10.8	8.9
1885, . . .	17,052	17.6		53.2	26.6	11.0	9.2
1886, . . .	18,018	18.0	18.5	51.5	27.9	11.2	9.4
1887, . . .	19,533	19.0		49.9	29.0	11.5	9.6
1888, . . .	19,739	18.2		48.1	30.6	11.6	9.7
1889, . . .	20,397	18.8		46.9	31.5	12.1	9.5
1890, . . .	20,838	18.6		46.1	31.5	12.0	10.4
1891, . . .	21,675	18.9	18.5	45.9	32.4	11.6	10.1
1892, . . .	22,507	19.2		44.6	34.0	11.3	10.1
1893, . . .	22,814	19.1		44.0	34.5	11.5	10.0
1894, . . .	20,619	16.9		44.5	33.6	11.7	10.2
1895, . . .	23,102	18.5		44.5	33.3	11.8	10.4
1896, . . .	23,651	18.1	17.4	44.0	33.5	12.0	10.5
1897, . . .	23,038	17.6		43.6	33.9	12.1	10.4
1898, . . .	22,142	16.5		43.6	33.3	12.3	10.8
1899, . . .	23,523	17.2		43.8	32.9	12.5	10.8
1900, . . .	24,342	17.4		43.9	33.2	12.1	10.8
1901, . . .	24,891	17.3	17.5	43.6	32.9	12.7	10.8
1902, . . .	25,685	17.5		43.8	33.0	12.3	10.9
1903, . . .	26,940	17.9		43.5	34.6	11.6	10.3
1904, . . .	25,993	16.9		43.7	34.1	11.5	10.7
1905, . . .	27,184	18.1		44.0	34.2	11.2	10.6
1906, . . .	29,654	19.5	18.3	43.6	34.6	11.3	10.5
1907, . . .	31,055	20.1		42.4	37.0	10.7	9.9
1908, . . .	27,071	17.3		42.9	36.6	10.9	9.6
1909, . . .	29,002	16.2		43.1	35.8	10.5	10.6
1910, . . .	30,710	18.2		43.2	35.8	10.6	10.5
1911, . . .	32,051	18.6	17.7	44.5	35.1	9.8	10.6
1912, . . .	30,898	17.6		43.5	36.2	9.6	10.6
1913, . . .	31,403	17.6		43.4	36.4	9.6	10.6
1914, . . .	32,588	17.9		44.4	36.4	9.2	10.0
1915, . . .	31,301	17.0		45.3	35.0	9.1	10.6
1916, . . .	34,386	18.2	—	47.0	33.3	9.3	10.3

Table 18

PROPORTIONS OF FIRST MARRIAGES AND RE-MARRIAGES PER 1,000
MARRIAGES: 1901 TO 1916.

YEARS.	MALES.		FEMALES.		BACHELORS WHO MARRIED —		WIDOWERS WHO MARRIED —	
	Bachelors.	Widowers.	Maids.	Widows.	Maids.	Widows.	Maids.	Widows.
1901,	87.2	12.8	90.6	9.4	82.5	4.7	8.2	4.6
1902,	87.5	12.5	90.4	9.6	82.7	4.8	7.7	4.8
1903,	88.0	12.0	90.6	9.4	83.2	4.8	7.4	4.6
1904,	87.8	12.2	90.2	9.8	82.7	5.1	7.5	4.7
1905,	88.2	11.8	91.1	8.9	83.6	4.6	7.5	4.3
1906,	88.7	11.3	91.2	8.8	84.1	4.6	7.1	4.2
1907,	88.9	11.1	91.2	8.8	84.3	4.5	6.8	4.3
1908,	88.0	12.0	90.4	9.6	83.0	4.9	7.4	4.6
1909,	88.4	11.6	90.9	9.1	83.8	4.6	7.1	4.5
1910,	88.3	11.7	90.4	9.6	83.5	4.9	7.0	4.7
1911,	89.0	11.0	90.5	9.5	84.0	5.0	6.5	4.5
1912,	89.7	10.3	91.8	8.2	85.4	4.2	6.4	4.0
1913,	89.5	10.5	91.7	8.3	85.4	4.1	6.3	4.2
1914,	89.6	10.4	91.7	8.3	85.3	4.2	6.4	4.1
1915,	89.6	10.4	91.7	8.3	85.3	4.2	6.4	4.1
1916,	89.8	10.2	91.3	8.7	85.3	4.6	6.1	4.1

Table 19

MARRIAGES OF BACHELORS, MAIDS, WIDOWERS, AND WIDOWS, BY AGE: 1902 TO 1916.

YEARS.	All ages.	Under 20.	20 to 24.	25 to 29.	30 to 34.	35 to 39.	40 to 44.	45 to 49.	50 to 54.	55 to 59.	60 to 64.	65 to 69.	70 to 74.	75 to 79.	80 to and over.
BACHELORS.															
1902.	22,478	479	8,434	8,163	3,412	1,234	451	147	62	23	10	2	—	1	—
1903.	23,694	513	9,002	8,592	3,510	1,321	487	160	79	19	9	1	1	—	—
1904.	22,828	461	8,720	8,050	3,501	1,341	462	187	66	26	11	2	1	—	—
1905.	23,985	591	9,195	8,454	3,515	1,454	461	209	64	25	11	6	—	—	—
1906.	26,295	640	10,526	9,051	3,816	1,459	491	210	66	26	3	4	2	1	—
1907.	27,597	673	11,319	9,289	3,861	1,578	518	222	85	34	11	4	2	1	—
1908.	23,815	620	9,679	7,939	3,255	1,451	516	228	77	33	11	4	1	1	—
1909.	25,640	685	10,394	8,529	3,539	1,540	537	244	108	34	17	7	2	4	—
1910.	27,132	658	11,249	9,038	3,692	1,556	509	255	106	43	14	8	2	1	1
1911.	28,510	756	11,695	9,483	3,793	1,743	621	264	104	36	9	4	2	—	—
1912.	27,707	775	11,481	9,430	3,577	1,527	539	237	94	26	11	7	3	—	—
1913.	28,110	819	11,771	9,520	3,559	1,506	573	218	90	36	9	6	—	—	3
1914.	29,183	878	12,439	9,599	3,689	1,547	613	257	100	37	14	7	2	1	—
1915.	28,050	809	11,655	9,433	3,596	1,569	583	239	108	41	11	5	1	—	—
1916.	30,893	882	12,721	10,618	3,921	1,602	665	300	115	49	13	6	—	1	—
MAIDS.															
1902.	23,225	3,990	10,524	5,893	1,751	668	241	93	41	15	6	2	—	1	—
1903.	24,407	4,267	11,037	6,125	1,891	679	238	115	37	10	4	4	—	—	—
1904.	23,448	4,011	10,720	5,733	1,836	722	244	114	44	16	6	1	—	1	—
1905.	24,760	4,411	11,343	5,848	1,978	758	239	115	48	11	6	3	—	—	—
1906.	27,059	4,978	12,375	6,335	2,160	766	264	108	39	21	8	4	1	—	—
1907.	28,317	5,317	13,170	6,367	2,175	817	287	113	42	16	10	3	—	—	—
1908.	24,484	4,598	11,292	5,384	1,959	759	287	120	47	26	8	2	2	—	—
1909.	26,367	5,053	11,948	5,840	2,127	894	297	133	45	17	10	3	—	—	—
1910.	27,772	5,175	12,815	6,203	2,161	883	328	113	54	22	12	3	3	—	—
1911.	29,003	5,527	13,314	6,427	2,190	980	367	122	36	25	9	4	2	—	—
1912.	28,368	5,439	13,117	6,165	2,150	899	356	156	62	17	6	1	—	—	—
1913.	28,789	5,863	13,352	6,098	2,074	848	341	137	44	18	11	2	1	—	—
1914.	29,874	6,315	14,041	6,151	2,025	906	358	153	61	28	11	4	1	—	—
1915.	28,576	5,651	13,389	6,030	2,064	894	320	141	52	24	7	3	—	—	1
1916.	31,404	5,945	14,916	6,717	2,280	940	332	178	53	31	8	3	1	—	—
WIDOWERS.															
1902.	3,207	—	43	304	530	617	535	407	295	203	122	81	44	22	4
1903.	3,246	—	34	300	514	664	535	417	311	200	121	86	39	15	10
1904.	3,165	—	50	285	527	579	493	438	314	196	145	66	45	20	7
1905.	3,199	—	53	290	528	624	515	305	293	213	128	87	38	11	7
1906.	3,359	—	53	332	557	658	512	419	312	220	142	86	45	16	7
1907.	3,458	1	64	349	571	651	512	443	334	219	156	89	44	15	10
1908.	3,256	4	92	377	537	666	544	422	263	157	103	60	25	5	1
1909.	3,362	—	68	292	521	603	559	424	321	217	161	116	51	25	4
1910.	3,578	—	71	319	548	652	547	485	371	258	158	101	51	13	4
1911.	3,541	1	66	336	526	625	570	496	346	223	179	107	49	15	2
1912.	3,191	—	64	279	444	552	541	418	334	243	156	89	47	20	4
1913.	3,293	—	56	311	473	588	533	432	330	234	154	96	55	24	7
1914.	3,405	—	59	342	490	615	491	445	342	246	189	114	52	15	5
1915.	3,251	—	53	314	452	566	506	443	331	235	172	108	47	16	8
1916.	3,493	—	93	359	490	595	521	438	374	273	154	108	62	22	4
WIDOWS.															
1902.	2,460	11	181	438	546	681	326	221	100	78	46	23	7	2	—
1903.	2,533	10	158	516	545	459	359	226	117	67	40	23	8	—	1
1904.	2,545	6	182	479	535	502	343	238	123	59	53	16	7	1	1
1905.	2,424	8	170	450	522	486	333	204	129	62	32	21	6	—	—
1906.	2,595	5	186	519	536	476	346	245	126	74	49	23	8	2	—
1907.	2,738	11	192	487	574	509	397	252	149	94	44	23	6	—	—
1908.	2,587	9	184	425	511	492	379	265	161	70	53	30	8	—	—
1909.	2,635	12	186	428	506	527	372	245	163	103	49	29	9	5	1
1910.	2,938	11	184	524	608	586	394	282	168	108	42	24	7	—	—
1911.	3,048	7	228	560	586	619	398	298	169	102	44	24	11	2	—
1912.	2,530	7	203	453	456	457	365	250	158	92	50	24	10	5	—
1913.	2,614	8	204	430	519	467	394	241	162	93	64	18	13	1	—
1914.	2,714	7	214	477	520	506	375	262	182	94	42	26	7	1	1
1915.	2,725	5	209	474	530	510	377	270	159	101	54	19	13	3	1
1916.	2,982	11	209	568	540	542	430	286	189	110	59	23	13	2	—

Line No.	Table 20		MARRIAGES AND MARRIAGE RATES IN THE STATE,								
	YEARS.	The State.	COUNTIES.								
			Barnstable.	Berkshire.	Bristol.	Dukes.	Essex.	Franklin.	Hampden.	Hampshire.	
1	1891,	21,675	245	605	1,850	33	2,905	310	1,388	448	
2	1892,	22,507	221	625	2,045	38	2,899	331	1,479	438	
3	1893,	22,814	209	613	2,089	39	3,108	335	1,401	410	
4	1894,	20,619	214	562	1,825	27	2,691	284	1,270	414	
5	1895,	23,102	207	642	2,185	38	3,025	278	1,436	457	
6	1896,	23,651	192	628	2,377	41	2,911	303	1,503	449	
7	1897,	23,038	198	663	2,350	35	2,700	291	1,551	376	
8	1898,	22,142	178	638	2,114	31	2,626	288	1,449	382	
9	1899,	23,523	218	606	2,358	17	2,801	288	1,480	462	
10	1900,	24,342	192	680	2,512	25	3,007	316	1,580	456	
11	1901,	24,891	203	718	2,586	24	3,124	320	1,541	459	
12	1902,	25,685	185	769	2,757	23	3,161	310	1,747	452	
13	1903,	26,940	220	790	2,946	30	3,254	313	1,723	469	
14	1904,	25,993	199	674	2,571	34	3,232	352	1,644	459	
15	1905,	27,184	207	726	2,813	36	3,439	349	1,770	488	
16	1906,	29,654	175	718	3,110	30	3,961	348	1,939	582	
17	1907,	31,055	186	784	3,296	27	4,098	344	2,261	572	
18	1908,	27,071	184	809	2,843	28	3,380	346	1,917	541	
19	1909,	29,002	191	867	3,092	28	3,792	300	2,187	538	
20	1910,	30,710	184	921	3,404	35	3,972	367	2,250	575	
21	1911,	32,051	190	956	3,528	38	4,109	344	2,357	573	
22	1912,	30,898	167	878	3,038	31	4,155	326	1,933	604	
23	1913,	31,403	179	799	3,099	28	3,943	351	2,194	589	
24	1914,	32,588	218	844	3,192	35	4,008	370	2,228	581	
25	1915,	31,301	211	746	3,074	39	3,770	316	2,138	560	
26	1916,	34,386	232	829	3,278	35	4,462	344	2,513	652	
MARRIAGE RATES — PERSONS MARRIED PER 1,000											
27	1880,	17.4	14.0	14.4	12.7	17.7	21.1	17.0	18.6	16.2	
28	1885,	17.6	18.6	14.6	18.2	23.7	18.4	15.1	18.5	14.8	
29	1890,	18.6	16.8	15.1	20.2	17.9	18.5	14.8	17.7	16.2	
30	1895,	18.5	15.0	14.9	20.0	17.9	18.3	13.9	18.8	16.7	
31	1900,	17.4	13.8	14.2	19.9	11.0	16.8	15.3	18.0	15.5	
32	1905,	18.1	15.4	14.8	20.9	15.8	18.0	16.1	18.1	15.7	
33	1910,	18.2	13.4	17.5	21.4	15.5	18.2	16.8	19.5	18.2	
34	1915,	17.0	14.6	12.9	17.7	15.9	16.3	13.1	16.3	16.1	
35	1916,	18.2	15.9	14.2	18.5	14.0	19.0	13.9	18.6	18.3	

COUNTIES, AND IN CITIES HAVING OVER 100,000 INHABITANTS IN 1915: 1891 TO 1916.

Line No.	COUNTIES — con.						CITIES HAVING OVER 100,000 INHABITANTS IN 1915.						
	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.	Boston.	Worcester.	Fall River.	Lowell.	Cambridge.	New Bedford.	Springfield.
1	4,083	16	944	798	5,574	2,476	5,163	838	780	942	710	478	434
2	4,259	28	956	804	5,708	2,676	5,315	878	872	948	733	515	469
3	4,373	21	976	840	5,745	2,655	5,376	893	932	961	721	559	456
4	3,721	16	830	717	5,809	2,239	5,440	685	768	804	629	544	424
5	4,289	25	908	742	6,324	2,546	5,923	844	1,003	987	659	628	471
6	4,157	15	952	790	6,655	2,678	6,304	948	1,024	874	733	710	513
7	4,132	22	880	733	6,444	2,663	6,060	962	1,003	889	744	682	543
8	3,919	12	909	781	6,275	2,540	5,902	969	872	908	653	553	518
9	4,247	13	982	797	6,576	2,678	6,187	982	970	952	705	634	507
10	4,446	16	982	833	6,462	2,835	6,044	1,048	1,082	1,059	714	648	549
11	4,453	16	994	846	6,751	2,856	6,311	1,119	1,070	953	769	710	565
12	4,667	18	1,093	943	6,613	2,947	6,172	1,098	1,198	1,010	792	806	596
13	4,645	9	1,169	958	7,111	3,203	6,640	1,227	1,291	939	795	809	598
14	4,655	21	1,122	932	7,219	2,879	6,736	1,138	1,063	998	790	725	593
15	4,830	17	1,151	1,023	7,285	3,050	6,775	1,184	1,164	937	834	805	654
16	5,257	18	1,231	1,106	7,975	3,204	7,374	1,330	1,342	1,033	944	872	727
17	5,350	12	1,285	1,115	8,337	3,388	7,761	1,343	1,327	1,066	950	944	883
18	4,613	21	1,096	998	7,474	2,821	6,993	1,064	1,174	872	815	889	720
19	4,908	31	1,244	1,026	7,625	3,173	7,165	1,233	1,186	1,030	819	981	827
20	5,121	29	1,252	1,088	8,105	3,407	7,596	1,395	1,241	999	934	1,092	904
21	5,281	22	1,290	1,175	8,726	3,462	8,110	1,457	1,230	955	983	1,193	986
22	5,361	18	1,291	1,178	8,535	3,383	7,896	1,404	1,146	997	1,003	1,056	732
23	5,531	24	1,294	1,184	8,779	3,409	8,130	1,495	1,126	1,023	1,016	1,166	887
24	5,665	14	1,405	1,264	9,304	3,460	8,522	1,411	1,141	1,017	1,058	1,229	871
25	5,600	29	1,408	1,163	8,852	3,395	8,141	1,408	1,121	1,035	986	1,118	828
26	6,186	34	1,466	1,251	9,322	3,782	8,552	1,687	1,163	1,166	1,113	1,207	1,062

POPULATION: CENSUS YEARS, 1880 TO 1915, AND PER 1,000 ESTIMATED POPULATION, 1916.

27	16.8	14.5	14.4	15.8	19.2	16.7	29.1	18.2	19.2	25.4	14.8	19.5	19.9
28	17.1	11.5	13.9	16.0	20.4	15.3	20.6	15.5	18.6	20.9	16.5	23.4	19.4
29	17.8	11.0	15.8	17.3	21.9	17.7	21.8	19.1	20.9	24.0	18.3	25.0	17.3
30	17.2	16.6	13.5	14.6	23.4	16.6	21.0	17.1	22.5	23.4	16.2	22.7	18.3
31	15.7	10.7	13.0	14.6	21.1	16.3	21.6	17.7	20.6	22.3	15.5	20.8	17.7
32	15.9	11.6	13.7	16.0	22.3	16.8	22.8	18.5	22.0	19.7	17.1	21.7	17.8
33	15.3	19.6	14.6	15.1	21.7	17.1	22.1	19.1	20.8	18.8	17.8	22.6	20.3
34	15.3	18.3	13.9	14.8	21.4	15.8	21.8	17.3	18.0	19.2	18.1	20.4	16.1
35	16.5	21.1	14.0	20.6	22.0	17.2	22.5	20.2	18.4	21.5	20.3	21.4	19.9

Table 21

MARRIAGES CELEBRATED IN EACH MONTH AND QUARTER: 1907 TO 1916.

MONTHS.										
	1916.	1915.	1914.	1913.	1912.	1911.	1910.	1909.	1908.	1907.
The Year.	34,386	31,301	32,588	31,403	30,898	32,051	30,710	29,002	27,071	31,055
<i>1st quarter.</i>	<i>6,313</i>	<i>5,620</i>	<i>6,142</i>	<i>5,609</i>	<i>5,132</i>	<i>5,986</i>	<i>5,524</i>	<i>5,251</i>	<i>5,516</i>	<i>5,445</i>
January,	2,353	2,403	2,427	2,395	2,091	2,309	2,453	1,993	2,054	2,370
February,	2,384	2,187	2,504	1,629	2,068	2,513	1,701	2,182	2,042	1,871
March,	1,576	1,030	1,211	1,585	973	1,164	1,370	1,076	1,420	1,204
<i>2d quarter.</i>	<i>9,508</i>	<i>8,983</i>	<i>9,634</i>	<i>9,449</i>	<i>8,690</i>	<i>8,816</i>	<i>9,076</i>	<i>8,369</i>	<i>7,303</i>	<i>9,123</i>
April,	2,135	2,584	2,605	2,816	2,493	2,420	2,678	2,363	1,878	2,796
May,	2,581	2,233	2,266	2,104	1,955	2,043	2,001	2,019	1,738	1,974
June,	4,792	4,166	4,763	4,529	4,242	4,353	4,397	3,987	3,687	4,353
<i>3d quarter.</i>	<i>8,757</i>	<i>7,753</i>	<i>8,072</i>	<i>7,685</i>	<i>7,732</i>	<i>8,066</i>	<i>7,601</i>	<i>7,233</i>	<i>6,686</i>	<i>7,965</i>
July,	2,711	2,168	2,288	2,176	2,165	2,496	2,198	2,047	1,899	2,421
August,	2,460	2,406	2,486	2,448	2,327	2,352	2,339	2,207	2,008	2,514
September,	3,586	3,179	3,298	3,061	3,240	3,218	3,064	2,979	2,779	3,030
<i>4th quarter.</i>	<i>9,808</i>	<i>8,945</i>	<i>8,740</i>	<i>8,660</i>	<i>9,344</i>	<i>9,183</i>	<i>8,509</i>	<i>8,149</i>	<i>7,566</i>	<i>8,522</i>
October,	4,112	3,747	3,717	3,576	3,721	3,670	3,520	3,328	3,064	3,539
November,	3,616	3,384	3,279	3,376	3,485	3,404	3,238	3,153	2,850	3,309
December,	2,080	1,814	1,744	1,708	2,138	2,109	1,751	1,668	1,652	1,674
PER CENT. DISTRIBUTION.										
The Year.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<i>1st quarter.</i>	<i>18.4</i>	<i>18.0</i>	<i>18.8</i>	<i>17.9</i>	<i>16.6</i>	<i>18.7</i>	<i>18.0</i>	<i>18.2</i>	<i>20.4</i>	<i>17.5</i>
January,	6.8	7.7	7.4	7.6	6.8	7.2	8.0	6.9	7.6	7.6
February,	6.9	7.0	7.7	5.2	6.7	7.8	5.5	7.5	7.5	6.0
March,	4.6	3.3	3.7	5.1	3.1	3.6	4.5	3.7	5.3	3.9
<i>2d quarter.</i>	<i>27.7</i>	<i>28.7</i>	<i>29.6</i>	<i>30.1</i>	<i>28.1</i>	<i>27.5</i>	<i>29.6</i>	<i>28.8</i>	<i>27.0</i>	<i>29.4</i>
April,	6.2	8.3	8.0	9.0	8.1	7.6	8.7	8.1	6.9	9.0
May,	7.5	7.1	7.0	6.7	6.3	6.4	6.5	7.0	6.4	6.4
June,	13.9	13.3	14.6	14.4	13.7	13.6	14.3	13.7	13.6	14.0
<i>3d quarter.</i>	<i>25.5</i>	<i>24.8</i>	<i>24.8</i>	<i>24.5</i>	<i>25.0</i>	<i>25.2</i>	<i>24.8</i>	<i>24.9</i>	<i>24.7</i>	<i>25.7</i>
July,	7.9	6.9	7.0	6.9	7.0	7.8	7.2	7.1	7.0	7.9
August,	7.2	7.7	7.6	7.8	7.5	7.3	7.6	7.6	7.4	8.1
September,	10.4	10.2	10.1	9.8	10.5	10.0	10.0	10.3	10.3	9.7
<i>4th quarter.</i>	<i>28.5</i>	<i>28.6</i>	<i>26.8</i>	<i>27.6</i>	<i>30.2</i>	<i>28.6</i>	<i>27.7</i>	<i>28.1</i>	<i>28.0</i>	<i>27.4</i>
October,	12.0	12.0	11.3	11.4	12.0	11.4	11.5	11.5	11.3	11.4
November,	10.5	10.8	10.1	10.8	11.3	10.6	10.5	10.9	10.5	10.6
December,	6.0	5.8	5.4	5.4	6.9	6.6	5.7	5.7	6.1	5.4

Table 22

MARRIAGE RATES — PERSONS MARRIED
PER 1,000 POPULATION — IN FOREIGN COUNTRIES AND
IN MASSACHUSETTS: 1891 TO 1915.¹

COUNTRIES.	1915.	1914.	1913.	1912.	1911.	1911 to 1915.	1906 to 1910.	1901 to 1905.	1896 to 1900.	1891 to 1895.
Australia, Commonwealth of,	18.3	17.6	17.3	18.1	17.6	17.8	15.8	14.2	13.7	13.1
Austria,	—	—	—	14.7	15.2	—	15.3	15.7	16.2	15.8
Belgium,	—	—	—	16.0	15.9	—	15.8	16.1	16.6	15.1
Bulgaria,	—	—	—	—	18.8	—	18.6	19.8	16.6	16.4
Ceylon, ²	14.4	11.8	12.5	10.5	10.4	11.9	10.5	13.7	15.9	—
Chile,	—	10.4	12.0	12.0	11.4	—	12.2	10.4	9.3	9.2
Denmark,	13.8	13.8	14.4	14.6	14.4	14.2	14.9	14.3	15.0	13.9
England and Wales,	19.5	15.9	15.7	15.6	15.2	16.4	15.3	15.6	16.1	15.1
Finland,	—	11.4	11.8	11.7	12.0	—	13.2	13.0	14.9	13.0
France,	—	10.2	15.0	15.8	15.5	—	15.8	15.3	15.1	15.0
German Empire,	—	—	15.4	15.8	15.7	—	15.9	16.1	16.8	15.9
Hungary,	—	—	—	17.2	18.5	—	18.1	17.4	17.0	18.0
Ireland,	11.1	10.8	10.2	10.6	10.7	10.7	10.3	10.4	9.9	9.5
Italy,	—	14.1	14.9	15.1	15.0	—	15.7	14.7	14.3	14.8
Jamaica,	6.0	6.1	6.2	7.5	8.5	6.9	10.5	8.2	8.8	—
Japan,	—	—	16.2	16.4	16.8	—	17.2	16.3	18.1	17.0
Massachusetts,	17.0	17.9	17.6	17.6	18.6	17.7	18.2	17.8	17.4	18.5
The Netherlands,	13.2	13.4	15.5	15.0	14.3	14.3	14.5	14.9	14.9	14.5
New Zealand,	18.2	17.0	16.5	17.6	17.4	17.3	17.1	16.3	14.2	12.2
Norway,	12.9	12.9	12.6	12.3	12.5	12.6	12.1	12.3	13.7	12.9
Ontario, Province of,	17.0	17.6	20.1	22.2	20.4	19.5	19.6	17.5	13.9	13.2
Prussia,	—	—	—	16.0	15.9	—	16.0	16.1	16.9	16.1
Rumania,	—	17.0	18.4	17.3	21.0	—	19.3	16.3	15.2	15.8
Russia (European),	—	—	—	—	—	—	17.1 ³	16.6	17.8	17.9
Scotland,	15.2	14.8	14.2	13.7	13.4	14.3	13.6	14.0	14.6	13.6
Serbia,	—	—	—	8.8	20.6	—	19.8	19.7	19.9	20.2
Spain,	—	13.0	13.5	14.6	14.2	—	14.2	16.1	15.3	16.2
Sweden,	11.6	11.6	11.8	11.8	11.8	11.7	12.2	11.8	12.2	11.5
Switzerland,	10.0	11.4	13.8	14.5	14.8	12.9	15.1	14.9	15.5	14.5
United Kingdom,	18.3	15.3	15.0	14.9	14.6	15.6	14.6	14.9	15.3	—
United States,	—	—	—	—	—	—	—	—	18.6 ⁴	18.2 ⁵

¹ Compiled from annual reports of the Registrar-General of England and Wales.² In Ceylon registration is not essential to validity of marriage except among the Kandyan and Sinhalese.³ Average for 1906 to 1909.⁴ Annual average for the five-year period 1898 to 1902.⁵ Annual average for the five-year period 1888 to 1892.

III.

DIVORCE STATISTICS.

III.

DIVORCE STATISTICS.

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INTRODUCTION.

Source of Data. — The data concerning divorce presented in this report are obtained annually from the clerks of courts for the several counties, and from the clerk of the Supreme Judicial Court for the county of Suffolk, on forms prescribed by the Secretary of the Commonwealth.

Number of Divorces. — Divorces granted in 1916 numbered 2,301, an increase of 49, or 2.2 per cent., over the number granted in 1915, and an increase of 173, or 8.1 per cent., over the average number granted for the five-year period 1911 to 1915. In the fifty-seven years from 1860 to 1916 the number of divorces granted was 55,168. In the twenty-eight years from 1860 to 1887 the number was but 12,596, less than one-third (31 per cent.) of the number recorded in the last half of the fifty-six-year period 1860 to 1915. Each successive five-year period since 1860, with the single exception of the period 1880 to 1884, has witnessed a marked increase in the number of divorces, as is shown in Table 25 on page 81.

A comparison of the increase in divorce with the increase in population is shown in Table 26, on page 82. In the quinquennium

¹ For a list of the tables on divorce statistics, see pages iv and v.

1865 to 1870 the rate of increase for population was 15 per cent., and for divorce 13.8 per cent. In the succeeding quinquennium, 1870 to 1875, the population increased 13.4 per cent., while the rate for divorce increased 52.2 per cent. In the half decades 1875 to 1880 and 1885 to 1890 the increase in population was greater than the increase in divorce, but since 1890 the rate of increase in divorce has been very much greater than the rate of increase in population. The difference in the relative size of the two rates of increase was greatest in the quinquennium 1870 to 1875 and 1890 to 1895, when the rate of increase in divorce was nearly four times the rate of increase in population.

*Divorce Rates.*¹ — The number of divorces per 100,000 population in 1916 was 60.9, as compared with 61.0 in 1915, 60.4 in 1914, 57.3 in 1910, 29.2 in 1890, and 26.0 in 1870. Each census year since 1890 shows a marked increase over the preceding census year.

The movement of divorce as shown by the two sets of rates (per 100,000 total population and per 100,000 married population) is nearly the same. Based on the married population, the divorce rate in 1915 was 80 per cent. greater than it was in 1875, and the increase as shown by the rate based on the total population was 85 per cent. Based on the estimated married population, the divorce rate for 1916 was 153 per 100,000.

The rapidity with which marriages are being dissolved by divorce is measured by the divorce rate based on the married population. In 1910 the rate was 146 divorces per 100,000 married persons; in 1916 the rate was 153, or about 1.5 divorces per 1,000 married persons. Were it not for absentee husbands and wives 1,000 married persons would represent exactly 500 married couples, but it is probable that this number represents only approximately 500 married couples. During the period 1910 to 1916 divorce was dissolving each year about 3 marriages (2.9 in 1910 and 3.1 in 1916) out of every 1,000 in existence. In the five-year period 1873 to 1877, represented by the figures for 1875, divorce was dissolving each year 1.7

¹ Divorce rates based on the married population, i.e., the number of divorces per 100,000 married population, are more significant than rates based upon the total population, because of the elimination of possible variations in the proportion married, and because of the fact that divorce can arise only among the married. Rates calculated in this manner are shown in Table 27, on page 82, for the census years 1875 to 1915, and on the estimated married population for 1916. In this table the number of divorces shown for the census years 1875 to 1910 is not the actual number in that year, but the annual average for the five-year period of which the census year is the median year. This method eliminates any peculiarities in the census year which may have affected divorce, and makes the figures more typical of the period as a whole.

marriages out of every 1,000 in existence. For 1890 the ratio was 1.7 out of every 1,000; for 1900, 2.5 out of every 1,000.

Divorce in Counties.—The wide variations in the divorce rates in the different counties shown in Table 28, on page 83, are not easily accounted for, as the results may be affected by a great variety of influences, among some of the more important of which may be mentioned: (1) the composition of the population as regards race or nationality; (2) the proportion of immigrants in the population and the countries from which they came; and (3) the relative strength of the prevailing religions, and particularly the strength of the Roman Catholic faith.

Party to which granted.—Over two-thirds (70.4 per cent.) of the total number of divorces in the period 1860 to 1916 were granted to the wife. In other words, divorces obtained by the wife are more than twice as numerous as those obtained by the husband. This difference may be partially explained by the fact that without any reference to the question of which party is the more frequently responsible for the marital unhappiness that leads to divorce, the wife has a legal ground for divorce more frequently than the husband. Although the law makes no distinction between the parties to a marriage in respect to the grounds on which a divorce may be granted, certain well-known and comparatively common grounds are more readily applicable against the husband than against the wife. Notably there is nonsupport, which, for the husband seeking divorce, is not ordinarily an available ground. Again, cruelty, although not infrequently the ground for divorces granted to husbands, is, at least so far as it is physical cruelty, more often existent as a cause for the wife's seeking a divorce.

The proportion of divorces granted to the wife fluctuated between 75.6 per cent. in 1876 and 56.4 per cent. in 1866, as compared with 70.4 per cent. for the entire period 1860 to 1916.

Cause of Divorce, 1860 to 1916.—The statistics concerning the cause of divorce deal with the legal cause as ascertained from the court records. It should be borne in mind, however, that the cause for which a divorce is granted by the courts is very often not the underlying cause of the marital unhappiness. The legal causes of divorce are shown for the period 1860 to 1916 in Table 29, on page 83, and for each year of that period in Table 30, on page 84.

Divorces granted on the ground of desertion have increased more

than ninefold in the fifty-seven-year period 1860 to 1916, while the number of divorces granted for adultery have about doubled. With the addition of new grounds for divorce to the statute books, there appears to have been a reduction in the actual number of divorces for adultery. (See Table 30, on page 84.)

The most commonly assigned ground for divorce was desertion, which accounted for 46.4 per cent. of all the divorces granted in the period 1860 to 1916; for 57.7 per cent. of those granted to the husband in this period; and for 41.6 per cent. of those granted to the wife.

The substantially equal number of divorces granted for adultery to the husband and to the wife is rather striking. In 10,953 divorces granted for adultery, the divorce was granted to the husband in 50.3 per cent. of the cases and to the wife in 49.7 per cent.

Of the divorces granted to husbands, 57.7 per cent. were for desertion of the wife, and 33.8 per cent. were for adultery on the part of the wife; and of those granted to wives, 41.6 per cent. were for desertion of the husband and 21.1 per cent. were for cruelty on the part of the husband.

Intoxication as a ground for divorce figured in 11.6 per cent. of the divorces granted during the period 1860 to 1916, and of this number, 14.6 per cent. were granted to the husband and 85.4 per cent. to the wife. Divorces granted for this cause formed 5.7 per cent. of all divorces granted to the husband and 14.1 per cent. of the total number granted to the wife.

During the fifty-seven years from 1860 to 1916 the relative importance of these different causes for divorce has undergone considerable change. The sudden variations noticeable in Table 30 are due in large part to changes in the laws concerning divorce.

Annulment classified as Divorce.—Among the less important classes of causes appears the term "nullity of marriage." Table 29, on page 83, shows that in 297 cases, or .5 per cent. of the total number of divorces granted during the period 1860 to 1916, there was some cause shown which may have existed at the time of the marriage. Although it may be open to question how far such causes are to be regarded as causes for true divorce, they have been included in the statistics of this report. These cases form but a small proportion (.5 per cent.) of all cases considered, and do not affect the results to any material degree.

Contested Cases. — Of the total number of applications for divorces during the thirty-five years from 1882 to 1916, the data presented in Table 31, on page 85, show that only 11.6 per cent. were contested; and probably in many of these cases the contest was hardly more than a formality, perhaps not extending beyond the filing of an answer, which often has the effect of expediting the process of obtaining the divorce.

Applications for Divorce. — The courts grant about three petitions out of every four filed, as shown in Table 31, on page 85. This proportion fluctuated considerably during the period 1882 to 1916, the highest proportion of applications being granted in 1900 (89 per cent.), and the lowest proportion in 1888 (51.1 per cent.). During this entire period 76.3 per cent. of all applications were granted, 1.9 per cent. were refused, and 21.8 per cent. were dismissed.

Duration of Marriage. — The average number of years libellants were married at the time of application for divorce has fluctuated between 10.5 years in 1891 and 1912, and 11.7 years in 1884, 1887, and 1892. The average number of years the libellants were married in 1916 was 10.6, as compared with 10.7 years in 1915. Table 32, on page 86, shows for the thirty-five years from 1882 to 1916, the number of years the libellants were married at the time of application for divorce, exclusive of those for which the duration of marriage was unknown, but does not show the number of years the persons whose divorces were actually granted were married, as data relative to the latter question were not tabulated. The material shown in Table 32 is also incomplete for the reason that for the years 1882 to 1892 the number of libels which were dismissed was not tabulated.

Of the total libellants in Massachusetts for whom the number of years married was reported in 1916, 54.3 per cent. made application for divorce before they had been married ten years, as compared with 52.3 per cent. in 1915 and 51.3 per cent. for the thirty-five-year period 1882 to 1916.

STATISTICAL TABLES.

Table 23

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **The State — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser- tion.	Cruel and abusive treat- ment.	Adul- tery.	Intoxi- cation.	Non- sup- port.	Impo- tency.	Im- prison- ment.	Nul- lity of mar- riage.
The State,	2,789	1,316	835	307	230	63	10	10	18
Husband,	865	541	70	211	34	—	4	—	5
Wife,	1,924	775	765	96	196	63	6	10	13
Granted,	2,301	1,157	644	234	193	43	5	9	16
Husband,	650	442	21	157	24	—	2	—	4
Wife,	1,651	715	623	77	169	43	3	9	12
Refused,	23	8	6	3	3	3	—	—	—
Husband,	14	6	3	3	2	—	—	—	—
Wife,	9	2	3	—	1	3	—	—	—
Dismissed,	465	151	185	70	34	17	5	1	2
Husband,	201	93	46	51	8	—	2	—	1
Wife,	264	58	139	19	26	17	3	1	1
Contested,	193	56	80	42	11	2	2	—	—
Husband,	94	34	22	34	3	—	1	—	—
Wife,	99	22	58	8	8	2	1	—	—
Not contested,	2,596	1,260	755	265	219	61	8	10	18
Husband,	771	507	43	177	31	—	3	—	5
Wife,	1,825	753	707	88	188	61	5	10	13
DURATION OF MARRIAGE.									
Less than 6 months,	20	—	14	1	2	—	2	—	1
Husband,	3	—	1	1	—	—	—	—	1
Wife,	17	—	13	—	2	—	2	—	—
6 to 11 months,	32	—	19	6	2	2	1	—	2
Husband,	10	—	2	6	2	—	—	—	—
Wife,	22	—	17	—	—	2	1	—	2
1 to 4 years,	548	142	266	64	38	23	4	3	8
Husband,	135	55	20	48	6	—	2	—	4
Wife,	413	87	246	16	32	23	2	3	4
5 to 9 years,	917	462	233	112	82	20	—	4	4
Husband,	293	186	19	75	13	—	—	—	—
Wife,	624	276	214	37	69	20	—	4	4
10 to 19 years,	887	461	231	101	75	10	3	3	3
Husband,	288	192	19	65	10	—	2	—	—
Wife,	599	269	212	36	65	10	1	3	3
20 to 29 years,	316	205	63	18	24	6	—	—	—
Husband,	112	89	7	14	2	—	—	—	—
Wife,	204	116	56	4	22	6	—	—	—
30 years and over,	69	46	9	5	7	2	—	—	—
Husband,	24	19	2	2	1	—	—	—	—
Wife,	45	27	7	3	6	2	—	—	—
Average number of years,	10.6	12.5	8.6	9.4	10.5	8.6	5.9	7.7	4.6

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees *nisi* had been entered or not), 6,045
 Number of libels for divorce pending Jan. 1, 1916, in which decrees *nisi* had been entered at that date, 845
 Number of libels for divorce filed during the year 1916, 3,674
 Number of libels for divorce in which decrees *nisi* were entered during the year 1916, 2,360
 Number of cases in which *nisi* decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916, 2,264
 Number of cases finally determined in 1916, 2,808

¹ One libel discontinued. One libel impounded. One petition transferred from Berkshire County to Hampden County. One petition transferred from Bristol County to Suffolk County. One petition transferred from Hampden County to Worcester County. One petition transferred from Norfolk County to Bristol County. Three petitions for alimony. Two petitions to modify decree as to alimony. Three petitions for separate support. One petition for affirmation of marriage. One petition for custody of children. One petition for support of minor children. One petition to vacate decree absolute. One agreement for payment of alimony.

Table 23a

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Barnstable County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser- tion.	Cruel and abusive treat- ment.	Adul- tery.	Intoxi- cation.	Non- sup- port.	Impo- tency.	Im- prison- ment.	Nul- lity of mar- riage.
Barnstable County,	¹ 26	13	8	3	1	1	-	-	-
Husband,	9	7	-	2	-	-	-	-	-
Wife,	17	6	8	1	1	1	-	-	-
Granted,	17	10	5	1	1	-	-	-	-
Husband,	5	4	-	1	-	-	-	-	-
Wife,	12	6	5	-	1	-	-	-	-
Refused,	-	-	-	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
Dismissed,	9	3	3	2	-	1	-	-	-
Husband,	4	3	-	1	-	-	-	-	-
Wife,	5	-	3	1	-	1	-	-	-
Contested,	1	1	-	-	-	-	-	-	-
Husband,	1	1	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
Not contested,	25	12	8	3	1	1	-	-	-
Husband,	8	6	-	2	-	-	-	-	-
Wife,	17	6	8	1	1	1	-	-	-
DURATION OF MARRIAGE.									
Less than 6 months,	-	-	-	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
6 to 11 months,	-	-	-	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
1 to 4 years,	6	1	4	-	1	-	-	-	-
Husband,	1	1	-	-	-	-	-	-	-
Wife,	5	-	4	-	1	-	-	-	-
5 to 9 years,	10	4	3	3	-	-	-	-	-
Husband,	3	1	-	2	-	-	-	-	-
Wife,	7	3	3	1	-	-	-	-	-
10 to 19 years,	7	5	1	-	-	1	-	-	-
Husband,	4	4	-	-	-	-	-	-	-
Wife,	3	1	1	-	-	1	-	-	-
20 to 29 years,	2	2	-	-	-	-	-	-	-
Husband,	1	1	-	-	-	-	-	-	-
Wife,	1	1	-	-	-	-	-	-	-
30 years and over,	1	1	-	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	1	1	-	-	-	-	-	-	-
Average number of years,	11.2	14.6	7.3	7.3	4.0	18.0	-	-	-

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	34
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	7
Number of libels for divorce filed during the year 1916,	23
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	21
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	17
Number of cases finally determined in 1916,	27

¹ One libel discontinued. Living together.

Table 23b

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Berkshire County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Berkshire County, . . .	1 63	32	13	8	4	5	—	1	—
Husband,	21	13	2	6	—	—	—	—	—
Wife,	42	19	11	2	4	5	—	1	—
Granted,	57	30	12	7	4	3	—	1	—
Husband,	17	11	1	5	—	—	—	—	—
Wife,	40	19	11	2	4	3	—	1	—
Refused,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Dismissed,	6	2	1	1	—	2	—	—	—
Husband,	4	2	1	1	—	—	—	—	—
Wife,	2	—	—	—	—	2	—	—	—
Contested,	2	1	—	1	—	—	—	—	—
Husband,	2	1	—	1	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Not contested,	61	31	13	7	4	5	—	1	—
Husband,	19	12	2	5	—	—	—	—	—
Wife,	42	19	11	2	4	5	—	1	—
DURATION OF MARRIAGE.									
Less than 6 months,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
6 to 11 months,	1	—	1	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	1	—	1	—	—	—	—	—	—
1 to 4 years,	6	1	2	—	—	2	—	1	—
Husband,	1	1	—	—	—	—	—	—	—
Wife,	5	—	2	—	—	2	—	1	—
5 to 9 years,	23	10	5	4	3	1	—	—	—
Husband,	10	4	2	4	—	—	—	—	—
Wife,	13	6	3	—	3	1	—	—	—
10 to 19 years,	24	14	4	3	1	2	—	—	—
Husband,	6	5	—	1	—	—	—	—	—
Wife,	18	9	4	2	1	2	—	—	—
20 to 29 years,	7	6	1	—	—	—	—	—	—
Husband,	2	2	—	—	—	—	—	—	—
Wife,	5	4	1	—	—	—	—	—	—
30 years and over,	2	1	—	1	—	—	—	—	—
Husband,	2	1	—	1	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Average number of years,	11.6	13.7	9.7	11.6	8.5	7.8	—	4.0	—

Number of libels for divorce pending Jan 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	87
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	27
Number of libels for divorce filed during the year 1916,	115
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	66
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	57
Number of cases finally determined in 1916,	64

¹ One petition transferred to Hampden County.

Table 23c	LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: Bristol County — 1916.								
	CAUSES.								
LIBELS AND LIBELLANTS.	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Bristol County,	¹ 193	101	51	23	12	6	—	—	—
Husband,	67	43	4	19	1	—	—	—	—
Wife,	126	58	47	4	11	6	—	—	—
Granted,	175	96	45	18	11	5	—	—	—
Husband,	60	41	2	16	1	—	—	—	—
Wife,	115	55	43	2	10	5	—	—	—
Refused,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Dismissed,	18	5	6	5	1	1	—	—	—
Husband,	7	2	2	3	—	—	—	—	—
Wife,	11	3	4	2	1	1	—	—	—
Contested,	14	5	4	5	—	—	—	—	—
Husband,	8	4	1	3	—	—	—	—	—
Wife,	6	1	3	2	—	—	—	—	—
Not contested,	179	96	47	18	12	6	—	—	—
Husband,	59	39	3	16	1	—	—	—	—
Wife,	120	57	44	2	11	6	—	—	—
DURATION OF MARRIAGE.									
Less than 6 months,	2	—	2	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	2	—	2	—	—	—	—	—	—
6 to 11 months,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
1 to 4 years,	41	14	14	10	1	2	—	—	—
Husband,	15	5	1	9	—	—	—	—	—
Wife,	26	9	13	1	1	2	—	—	—
5 to 9 years,	66	40	12	5	7	2	—	—	—
Husband,	24	18	1	5	—	—	—	—	—
Wife,	42	22	11	—	7	2	—	—	—
10 to 19 years,	53	27	15	7	3	1	—	—	—
Husband,	18	11	2	4	1	—	—	—	—
Wife,	35	16	13	3	2	1	—	—	—
20 to 29 years,	27	17	7	1	1	1	—	—	—
Husband,	8	7	—	1	—	—	—	—	—
Wife,	19	10	7	—	1	1	—	—	—
30 years and over,	4	3	1	—	—	—	—	—	—
Husband,	2	2	—	—	—	—	—	—	—
Wife,	2	1	1	—	—	—	—	—	—
Average number of years,	10.5	11.7	9.9	7.6	9.4	9.1	—	—	—

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	370
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	76
Number of libels for divorce filed during the year 1916,	287
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	194
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	174
Number of cases finally determined in 1916,	194

¹ One petition transferred to Suffolk County.

Table 23d

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Dukes County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Im-po-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Dukes County,	3	—	2	1	—	—	—	—	—
Husband,	1	—	—	1	—	—	—	—	—
Wife,	2	—	2	—	—	—	—	—	—
Granted,	2	—	1	1	—	—	—	—	—
Husband,	1	—	—	1	—	—	—	—	—
Wife,	1	—	1	—	—	—	—	—	—
Refused,	1	—	1	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	1	—	1	—	—	—	—	—	—
Dismissed,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Contested,	1	—	1	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	1	—	1	—	—	—	—	—	—
Not contested,	2	—	1	1	—	—	—	—	—
Husband,	1	—	—	1	—	—	—	—	—
Wife,	1	—	1	—	—	—	—	—	—
DURATION OF MARRIAGE.									
Less than 6 months,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
6 to 11 months,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
1 to 4 years,	1	—	—	1	—	—	—	—	—
Husband,	1	—	—	1	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
5 to 9 years,	1	—	1	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	1	—	1	—	—	—	—	—	—
10 to 19 years,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
20 to 29 years,	1	—	1	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	1	—	1	—	—	—	—	—	—
30 years and over,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Average number of years,	11.7	—	16.5	2.0	—	—	—	—	—

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees *nisi* had been entered or not),

13

Number of libels for divorce pending Jan. 1, 1916, in which decrees *nisi* had been entered at that date,

—

Number of libels for divorce filed during the year 1916,

9

Number of libels for divorce in which decrees *nisi* were entered during the year 1916,

4

Number of cases in which *nisi* decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,

6

Number of cases finally determined in 1916,

3

Table 23e

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Essex County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treatment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-ten-ty.	Im-prison-ment.	Nul-lity of mar-riage.
Essex County,	338	167	98	41	22	10	—	—	—
Husband,	94	64	5	23	2	—	—	—	—
Wife,	244	103	93	18	20	10	—	—	—
Granted,	312	156	87	38	21	10	—	—	—
Husband,	85	58	4	21	2	—	—	—	—
Wife,	227	98	83	17	19	10	—	—	—
Refused,	4	3	—	1	—	—	—	—	—
Husband,	4	3	—	1	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Dismissed,	22	8	11	2	1	—	—	—	—
Husband,	5	3	1	1	—	—	—	—	—
Wife,	17	5	10	1	1	—	—	—	—
Contested,	46	17	20	6	2	1	—	—	—
Husband,	14	7	3	4	—	—	—	—	—
Wife,	32	10	17	2	2	1	—	—	—
Not contested,	292	150	78	35	20	9	—	—	—
Husband,	80	57	2	19	2	—	—	—	—
Wife,	212	93	76	16	18	9	—	—	—
DURATION OF MARRIAGE.									
Less than 6 months,	2	—	1	1	—	—	—	—	—
Husband,	1	—	—	1	—	—	—	—	—
Wife,	1	—	1	—	—	—	—	—	—
6 to 11 months,	1	—	1	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	1	—	1	—	—	—	—	—	—
1 to 4 years,	62	15	32	10	2	3	—	—	—
Husband,	17	8	2	6	1	—	—	—	—
Wife,	45	7	30	4	1	3	—	—	—
5 to 9 years,	124	66	30	15	8	5	—	—	—
Husband,	33	23	1	8	1	—	—	—	—
Wife,	91	43	29	7	7	5	—	—	—
10 to 19 years,	102	60	22	11	8	1	—	—	—
Husband,	34	27	1	6	—	—	—	—	—
Wife,	68	33	21	5	8	1	—	—	—
20 to 29 years,	39	20	11	4	3	1	—	—	—
Husband,	7	5	—	2	—	—	—	—	—
Wife,	32	15	11	2	3	1	—	—	—
30 years and over,	8	6	1	—	1	—	—	—	—
Husband,	2	1	—	—	—	—	—	—	—
Wife,	6	5	—	—	1	—	—	—	—
Average number of years,	10.6	11.8	9.1	8.9	12.7	7.3	—	—	—

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	583
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	111
Number of libels for divorce filed during the year 1916,	491
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	353
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	287
Number of cases finally determined in 1916,	338

Table 23f

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Franklin County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Franklin County,	34	13	13	4	3	1	—	—	—
Husband,	10	7	—	3	—	—	—	—	—
Wife,	24	6	13	1	3	1	—	—	—
Granted,	29	13	10	2	3	1	—	—	—
Husband,	8	7	—	1	—	—	—	—	—
Wife,	21	6	10	1	3	1	—	—	—
Refused,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Dismissed,	5	—	3	2	—	—	—	—	—
Husband,	2	—	—	2	—	—	—	—	—
Wife,	3	—	3	—	—	—	—	—	—
Contested,	7	—	5	2	—	—	—	—	—
Husband,	2	—	—	2	—	—	—	—	—
Wife,	5	—	5	—	—	—	—	—	—
Not contested,	27	13	8	2	3	1	—	—	—
Husband,	8	7	—	1	—	—	—	—	—
Wife,	19	6	8	1	3	1	—	—	—
DURATION OF MARRIAGE.									
Less than 6 months,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
6 to 11 months,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
1 to 4 years,	7	4	2	—	—	1	—	—	—
Husband,	3	3	—	—	—	—	—	—	—
Wife,	4	1	2	—	—	1	—	—	—
5 to 9 years,	8	3	3	1	1	—	—	—	—
Husband,	2	2	—	—	—	—	—	—	—
Wife,	6	1	3	1	1	—	—	—	—
10 to 19 years,	14	4	5	3	2	—	—	—	—
Husband,	4	1	—	3	—	—	—	—	—
Wife,	10	3	5	—	2	—	—	—	—
20 to 29 years,	4	1	3	—	—	—	—	—	—
Husband,	1	1	—	—	—	—	—	—	—
Wife,	3	—	3	—	—	—	—	—	—
30 years and over,	1	1	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	1	1	—	—	—	—	—	—	—
Average number of years,	11.9	11.8	12.6	11.3	12.7	3.0	—	—	—

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	87
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	24
Number of libels for divorce filed during the year 1916,	45
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	30
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	29
Number of cases finally determined in 1916,	34

Table 23g

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Hampden County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser- tion.	Cruel and abusive treat- ment.	Adul- tery.	Intoxi- cation.	Non- sup- port.	Impo- tency.	Im- prison- ment.	Nul- lity of mar- riage.
Hampden County,	1251	112	91	19	23	5	-	1	-
Husband,	65	45	2	15	3	-	-	-	-
Wife,	186	67	89	4	20	5	-	1	-
Granted,	181	89	64	10	14	3	-	1	-
Husband,	39	30	-	7	2	-	-	-	-
Wife,	142	59	64	3	12	3	-	1	-
Refused,	-	-	-	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
Dismissed,	70	23	27	9	9	2	-	-	-
Husband,	26	15	2	8	1	-	-	-	-
Wife,	44	8	25	1	8	2	-	-	-
Contested,	5	-	3	2	-	-	-	-	-
Husband,	2	-	-	2	-	-	-	-	-
Wife,	3	-	3	-	-	-	-	-	-
Not contested,	246	112	88	17	23	5	-	1	-
Husband,	63	45	2	13	3	-	-	-	-
Wife,	183	67	86	4	20	5	-	1	-
DURATION OF MARRIAGE.									
Less than 6 months,	3	-	3	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	3	-	3	-	-	-	-	-	-
6 to 11 months,	4	-	2	1	-	1	-	-	-
Husband,	1	-	-	1	-	-	-	-	-
Wife,	3	-	2	-	-	1	-	-	-
1 to 4 years,	53	14	28	4	6	1	-	-	-
Husband,	12	6	1	3	2	-	-	-	-
Wife,	41	8	27	1	4	1	-	-	-
5 to 9 years,	66	32	22	4	5	3	-	-	-
Husband,	18	14	1	3	-	-	-	-	-
Wife,	48	18	21	1	5	3	-	-	-
10 to 19 years,	100	50	28	9	12	-	-	1	-
Husband,	26	17	-	8	1	-	-	-	-
Wife,	74	33	28	1	11	-	-	1	-
20 to 29 years,	19	11	7	1	-	-	-	-	-
Husband,	5	5	-	-	-	-	-	-	-
Wife,	14	6	7	1	-	-	-	-	-
30 years and over,	6	5	1	-	-	-	-	-	-
Husband,	3	3	-	-	-	-	-	-	-
Wife,	3	2	1	-	-	-	-	-	-
Average number of years,	10.3	12.4	8.7	8.8	8.8	3.2	-	15.0	-

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	304
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	81
Number of libels for divorce filed during the year 1916,	291
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	208
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	181
Number of cases finally determined in 1916,	252

¹ One petition transferred to Worcester County.

Table 23h

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Hampshire County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Hampshire County,	26	16	4	5	-	1	-	-	-
Husband,	12	9	-	3	-	-	-	-	-
Wife,	14	7	4	2	-	1	-	-	-
Granted,	25	15	4	5	-	1	-	-	-
Husband,	11	8	-	3	-	-	-	-	-
Wife,	14	7	4	2	-	1	-	-	-
Refused,	-	-	-	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
Dismissed,	1	1	-	-	-	-	-	-	-
Husband,	1	1	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
Contested,	5	4	1	-	-	-	-	-	-
Husband,	3	3	-	-	-	-	-	-	-
Wife,	2	1	1	-	-	-	-	-	-
Not contested,	21	12	3	5	-	1	-	-	-
Husband,	9	6	-	3	-	-	-	-	-
Wife,	12	6	3	2	-	1	-	-	-
DURATION OF MARRIAGE.									
Less than 6 months,	1	-	1	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	1	-	1	-	-	-	-	-	-
6 to 11 months,	-	-	-	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
1 to 4 years,	3	1	1	1	-	-	-	-	-
Husband,	2	1	-	1	-	-	-	-	-
Wife,	1	-	1	-	-	-	-	-	-
5 to 9 years,	6	3	1	2	-	-	-	-	-
Husband,	1	-	-	1	-	-	-	-	-
Wife,	5	3	1	1	-	-	-	-	-
10 to 19 years,	12	10	-	2	-	-	-	-	-
Husband,	8	7	-	1	-	-	-	-	-
Wife,	4	3	-	1	-	-	-	-	-
20 to 29 years,	2	1	1	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	2	1	1	-	-	-	-	-	-
30 years and over,	2	1	-	-	-	1	-	-	-
Husband,	1	1	-	-	-	-	-	-	-
Wife,	1	-	-	-	-	1	-	-	-
Average number of years,	13.0	14.1	9.3	8.0	-	35.0	-	-	-

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	55
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	6
Number of libels for divorce filed during the year 1916,	33
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	24
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	25
Number of cases finally determined in 1916,	26

Table 23i

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Middlesex County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Middlesex County,	472	221	136	57	43	11	3	1	—
Husband,	156	97	12	35	10	—	2	—	—
Wife,	316	124	124	22	33	11	1	1	—
Granted,	415	204	117	49	37	6	1	1	—
Husband,	125	82	6	30	6	—	1	—	—
Wife,	290	122	111	19	31	6	—	1	—
Refused,	17	4	5	2	3	3	—	—	—
Husband,	10	3	3	2	2	—	—	—	—
Wife,	7	1	2	—	1	3	—	—	—
Dismissed,	40	13	14	6	3	2	2	—	—
Husband,	21	12	3	3	2	—	1	—	—
Wife,	19	1	11	3	1	2	1	—	—
Contested,	14	4	7	1	2	—	—	—	—
Husband,	8	3	3	—	2	—	—	—	—
Wife,	6	1	4	1	—	—	—	—	—
Not contested,	458	217	129	56	41	11	3	1	—
Husband,	148	94	9	35	8	—	2	—	—
Wife,	310	123	120	21	33	11	1	1	—
DURATION OF MARRIAGE.									
Less than 6 months,	2	—	1	—	—	—	1	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	2	—	1	—	—	—	1	—	—
6 to 11 months,	5	—	3	1	—	1	—	—	—
Husband,	1	—	—	1	—	—	—	—	—
Wife,	4	—	3	—	—	1	—	—	—
1 to 4 years,	72	21	34	8	4	4	1	—	—
Husband,	14	4	4	5	—	—	1	—	—
Wife,	58	17	30	3	4	4	—	—	—
5 to 9 years,	164	82	43	20	17	2	—	—	—
Husband,	52	35	2	12	3	—	—	—	—
Wife,	112	47	41	8	14	2	—	—	—
10 to 19 years,	152	67	41	23	17	2	1	1	—
Husband,	59	35	3	14	6	—	1	—	—
Wife,	93	32	38	9	11	2	—	1	—
20 to 29 years,	66	46	13	3	3	1	—	—	—
Husband,	27	20	3	3	1	—	—	—	—
Wife,	39	26	10	—	2	1	—	—	—
30 years and over,	11	5	1	2	2	1	—	—	—
Husband,	3	3	—	—	—	—	—	—	—
Wife,	8	2	1	2	2	1	—	—	—
Average number of years,	11.4	12.6	9.4	10.7	12.2	10.3	6.7	12.0	—

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees *nisi* had been entered or not), 1,461

Number of libels for divorce pending Jan. 1, 1916, in which decrees *nisi* had been entered at that date, 171

Number of libels for divorce filed during the year 1916, 629

Number of libels for divorce in which decrees *nisi* were entered during the year 1916, 367

Number of cases in which *nisi* decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916, 414

Number of cases finally determined in 1916, 472

Table 23j

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Nantucket County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Nantucket County,	1	1	—	—	—	—	—	—	—
Husband,	1	1	—	—	—	—	—	—	—
Wife,	1	1	—	—	—	—	—	—	—
Granted,	1	1	—	—	—	—	—	—	—
Husband,	1	1	—	—	—	—	—	—	—
Wife,	1	1	—	—	—	—	—	—	—
Refused,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Dismissed,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Contested,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Not contested,	1	1	—	—	—	—	—	—	—
Husband,	1	1	—	—	—	—	—	—	—
Wife,	1	1	—	—	—	—	—	—	—
DURATION OF MARRIAGE.									
Less than 6 months,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
6 to 11 months,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
1 to 4 years,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
5 to 9 years,	1	1	—	—	—	—	—	—	—
Husband,	1	1	—	—	—	—	—	—	—
Wife,	1	1	—	—	—	—	—	—	—
10 to 19 years,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
20 to 29 years,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
30 years and over,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Average number of years,	6.0	6.0	—	—	—	—	—	—	—

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	4
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	2
Number of libels for divorce filed during the year 1916,	3
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	2
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	1
Number of cases finally determined in 1916,	1

Table 23k

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Norfolk County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Norfolk County, . . .	113	48	37	12	12	4	—	—	—
Husband,	25	13	7	5	—	—	—	—	—
Wife,	88	35	30	7	12	4	—	—	—
Granted,	81	39	25	6	9	2	—	—	—
Husband,	11	8	1	2	—	—	—	—	—
Wife,	70	31	24	4	9	2	—	—	—
Refused,	1	1	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	1	1	—	—	—	—	—	—	—
Dismissed,	31	8	12	6	3	2	—	—	—
Husband,	14	5	6	3	—	—	—	—	—
Wife,	17	3	6	3	3	2	—	—	—
Contested,	17	5	5	3	4	—	—	—	—
Husband,	7	3	2	2	—	—	—	—	—
Wife,	10	2	3	1	4	—	—	—	—
Not contested,	96	43	32	9	8	4	—	—	—
Husband,	18	10	5	3	—	—	—	—	—
Wife,	78	33	27	6	8	4	—	—	—
DURATION OF MARRIAGE.									
Less than 6 months,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
6 to 11 months,	1	—	1	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	1	—	1	—	—	—	—	—	—
1 to 4 years,	24	5	13	2	2	2	—	—	—
Husband,	7	3	3	1	—	—	—	—	—
Wife,	17	2	10	1	2	2	—	—	—
5 to 9 years,	36	22	5	6	2	1	—	—	—
Husband,	8	5	1	2	—	—	—	—	—
Wife,	28	17	4	4	2	1	—	—	—
10 to 19 years,	34	13	14	3	4	—	—	—	—
Husband,	4	2	1	1	—	—	—	—	—
Wife,	30	11	13	2	4	—	—	—	—
20 to 29 years,	14	7	3	1	2	1	—	—	—
Husband,	5	3	1	1	—	—	—	—	—
Wife,	9	4	2	—	2	1	—	—	—
30 years and over,	4	1	1	—	2	—	—	—	—
Husband,	1	—	1	—	—	—	—	—	—
Wife,	3	1	—	—	2	—	—	—	—
Average number of years,	11.2	11.6	10.1	9.3	15.7	10.2	—	—	—

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	154
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	52
Number of libels for divorce filed during the year 1916,	146
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	60
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	82
Number of cases finally determined in 1916,	114

¹ One petition transferred to Bristol County.

Table 231

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Plymouth County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Plymouth County,	151	64	45	23	14	4	1	-	-
Husband,	54	32	3	18	-	-	1	-	-
Wife,	97	32	42	5	14	4	-	-	-
Granted,	99	41	31	13	10	4	-	-	-
Husband,	31	20	1	10	-	-	-	-	-
Wife,	68	21	30	3	10	4	-	-	-
Refused,	-	-	-	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
Dismissed,	52	23	14	10	4	-	1	-	-
Husband,	23	12	2	8	-	-	1	-	-
Wife,	29	11	12	2	4	-	-	-	-
Contested,	15	3	5	6	-	-	1	-	-
Husband,	10	2	1	6	-	-	1	-	-
Wife,	5	1	4	-	-	-	-	-	-
Not contested,	136	61	40	17	14	4	-	-	-
Husband,	44	30	2	12	-	-	-	-	-
Wife,	92	31	38	5	14	4	-	-	-
DURATION OF MARRIAGE.									
Less than 6 months,	-	-	-	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
6 to 11 months,	-	-	-	-	-	-	-	-	-
Husband,	-	-	-	-	-	-	-	-	-
Wife,	-	-	-	-	-	-	-	-	-
1 to 4 years,	35	5	18	6	2	3	1	-	-
Husband,	8	3	-	4	-	-	1	-	-
Wife,	27	2	18	2	2	3	-	-	-
5 to 9 years,	51	25	11	10	4	1	-	-	-
Husband,	23	14	1	8	-	-	-	-	-
Wife,	28	11	10	2	4	1	-	-	-
10 to 19 years,	48	21	14	6	7	-	-	-	-
Husband,	16	9	2	5	-	-	-	-	-
Wife,	32	12	12	1	7	-	-	-	-
20 to 29 years,	15	12	1	1	1	-	-	-	-
Husband,	6	5	-	1	-	-	-	-	-
Wife,	9	7	1	-	1	-	-	-	-
30 years and over,	2	1	1	-	-	-	-	-	-
Husband,	1	1	-	-	-	-	-	-	-
Wife,	1	-	1	-	-	-	-	-	-
Average number of years,	10.1	12.3	8.0	8.2	12.2	3.5	3.0	-	-

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	181
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	41
Number of libels for divorce filed during the year 1916,	162
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	118
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	100
Number of cases finally determined in 1916,	152

1 One libel impounded.

Table 23m

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Suffolk County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Im-po-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Suffolk County,	1838	394	248	93	61	13	6	5	18
Husband,	266	155	22	70	13	—	1	—	5
Wife,	572	239	226	23	48	13	5	5	13
Granted,	719	359	195	77	56	7	4	5	16
Husband,	211	134	4	57	11	—	1	—	4
Wife,	508	225	191	20	45	7	3	5	12
Refused,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Dismissed,	119	35	53	16	5	6	2	—	2
Husband,	55	21	18	13	2	—	—	—	1
Wife,	64	14	35	3	3	6	2	—	1
Contested,	38	10	13	11	2	1	1	—	—
Husband,	25	6	7	11	1	—	—	—	—
Wife,	13	4	6	—	1	1	1	—	—
Not contested,	800	384	235	82	59	12	5	5	18
Husband,	241	149	15	59	12	—	1	—	5
Wife,	559	235	220	23	47	12	4	5	13
DURATION OF MARRIAGE.									
Less than 6 months,	9	—	6	—	1	—	1	—	1
Husband,	2	—	1	—	—	—	—	—	1
Wife,	7	—	5	—	1	—	1	—	—
6 to 11 months,	19	—	10	4	2	—	1	—	2
Husband,	7	—	1	4	2	—	—	—	—
Wife,	12	—	9	—	—	—	1	—	2
1 to 4 years,	182	43	88	21	13	5	2	2	8
Husband,	43	16	5	17	1	—	—	—	4
Wife,	139	27	83	4	12	5	2	2	4
5 to 9 years,	268	135	67	35	20	5	—	2	4
Husband,	92	54	5	26	7	—	—	—	—
Wife,	176	81	62	9	13	5	—	2	4
10 to 19 years,	257	144	64	25	16	2	2	1	3
Husband,	80	54	7	16	2	—	1	—	—
Wife,	177	90	57	9	14	2	1	1	3
20 to 29 years,	83	57	11	7	7	1	—	—	—
Husband,	37	28	3	6	—	—	—	—	—
Wife,	46	29	8	1	7	1	—	—	—
30 years and over,	20	15	2	1	2	—	—	—	—
Husband,	5	3	—	1	1	—	—	—	—
Wife,	15	12	2	—	1	—	—	—	—
Average number of years,	10.1	12.6	7.6	9.1	8.6	7.7	6.0	6.4	4.6

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	2,349
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	174
Number of libels for divorce filed during the year 1916,	1,092
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	707
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	703
Number of cases finally determined in 1916,	851

¹ Three petitions for alimony. Two petitions to modify decree as to alimony. Three petitions for separate support. One petition for affirmation of marriage. One petition for custody of children. One petition for support of minor children. One petition to vacate decree absolute. One agreement for payment of alimony.

Table 23n

LIBELS FOR DIVORCES GRANTED, REFUSED, DISMISSED, CONTESTED, AND NOT CONTESTED, AND NUMBER OF YEARS LIBELLANTS WERE MARRIED, BY STATUTORY CAUSES AND SEX OF LIBELLANT: **Worcester County — 1916.**

LIBELS AND LIBELLANTS.	CAUSES.								
	All causes.	Deser-tion.	Cruel and abusive treat-ment.	Adul-tery.	Intoxi-cation.	Non-sup-port.	Impo-tency.	Im-prison-ment.	Nul-lity of mar-riage.
Worcester County,	280	134	89	18	35	2	—	2	—
Husband,	85	56	13	11	5	—	—	—	—
Wife,	195	78	76	7	30	2	—	2	—
Granted,	188	104	48	7	27	1	—	1	—
Husband,	46	39	2	3	2	—	—	—	—
Wife,	142	65	46	4	25	1	—	1	—
Refused,	—	—	—	—	—	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
Dismissed,	92	30	41	11	8	1	—	1	—
Husband,	39	17	11	8	3	—	—	—	—
Wife,	53	13	30	3	5	1	—	1	—
Contested,	28	6	16	5	1	—	—	—	—
Husband,	12	4	5	3	—	—	—	—	—
Wife,	16	2	11	2	1	—	—	—	—
Not contested,	252	128	73	13	34	2	—	2	—
Husband,	73	52	8	8	5	—	—	—	—
Wife,	179	76	65	5	29	2	—	2	—
DURATION OF MARRIAGE.									
Less than 6 months,	1	—	—	—	1	—	—	—	—
Husband,	—	—	—	—	—	—	—	—	—
Wife,	1	—	—	—	1	—	—	—	—
6 to 11 months,	1	—	1	—	—	—	—	—	—
Husband,	1	—	1	—	—	—	—	—	—
Wife,	—	—	—	—	—	—	—	—	—
1 to 4 years,	56	18	30	1	7	—	—	—	—
Husband,	11	4	4	1	2	—	—	—	—
Wife,	45	14	26	—	5	—	—	—	—
5 to 9 years,	93	39	30	7	15	—	—	2	—
Husband,	27	16	5	4	2	—	—	—	—
Wife,	66	23	25	3	13	—	—	2	—
10 to 19 years,	84	46	23	9	5	1	—	—	—
Husband,	29	20	3	6	—	—	—	—	—
Wife,	55	26	20	3	5	1	—	—	—
20 to 29 years,	37	25	4	—	7	1	—	—	—
Husband,	13	12	—	—	1	—	—	—	—
Wife,	24	13	4	—	6	1	—	—	—
30 years and over,	8	6	1	1	—	—	—	—	—
Husband,	4	4	—	—	—	—	—	—	—
Wife,	4	2	1	1	—	—	—	—	—
Average number of years,	10.9	13.0	8.0	11.7	9.7	18.0	—	7.0	—

Number of libels for divorce pending Jan. 1, 1916 (including all cases, whether decrees <i>nisi</i> had been entered or not),	363
Number of libels for divorce pending Jan. 1, 1916, in which decrees <i>nisi</i> had been entered at that date,	73
Number of libels for divorce filed during the year 1916,	348
Number of libels for divorce in which decrees <i>nisi</i> were entered during the year 1916,	206
Number of cases in which <i>nisi</i> decrees had been entered (whether pending January 1 or since entered), which were finally disposed of during the year 1916,	188
Number of cases finally determined in 1916,	280

Table 24						DIVORCES: 1860 TO 1916.									
YEARS.		Total number.	GRANTED TO HUSBAND.		GRANTED TO WIFE.		YEARS.		Total number.	GRANTED TO HUSBAND.		GRANTED TO WIFE.			
			Num-ber.	Per cent.	Num-ber.	Per cent.				Num-ber.	Per cent.	Num-ber.	Per cent.		
1860 to 1916.		55,168	16,308	29.6	38,860	70.4	1888, . . .		624	192	30.8	432	69.2		
1860, . . .		243	93	38.3	150	61.7	1889, . . .		756	258	34.1	498	65.9		
1861, . . .		234	71	30.3	163	69.7	1890, . . .		654	220	33.6	434	66.4		
1862, . . .		196	70	35.7	126	64.3	1891, . . .		799	243	30.4	556	69.6		
1863, . . .		207	82	39.6	125	60.4	1892, . . .		790	246	31.1	544	68.9		
1864, . . .		270	90	33.3	180	66.7	1893, . . .		1,045	325	31.1	720	68.9		
1865, . . .		333	133	39.9	200	60.1	1894, . . .		1,108	311	28.1	797	71.9		
1866, . . .		392	171	43.6	221	56.4	1895, . . .		954	288	30.2	666	69.8		
1867, . . .		282	99	35.1	183	64.9	1896, . . .		1,230	376	30.6	854	69.4		
1868, . . .		339	98	28.9	241	71.1	1897, . . .		1,124	319	28.4	805	71.6		
1869, . . .		339	127	37.5	212	62.5	1898, . . .		1,182	361	30.5	821	69.5		
1870, . . .		379	138	36.4	241	63.6	1899, . . .		1,163	335	28.8	828	71.2		
1871, . . .		325	124	38.2	201	61.8	1900, . . .		1,258	376	29.9	882	70.1		
1872, . . .		343	119	34.7	224	65.3	1901, . . .		1,376	408	29.7	968	70.3		
1873, . . .		449	142	31.6	307	68.4	1902, . . .		1,479	469	31.7	1,010	68.3		
1874, . . .		647	187	28.9	460	71.1	1903, . . .		1,720	464	27.0	1,256	73.0		
1875, . . .		577	209	36.2	368	63.8	1904, . . .		1,698	471	27.7	1,227	72.3		
1876, . . .		525	128	24.4	397	75.6	1905, . . .		1,554	407	26.2	1,147	73.8		
1877, . . .		553	137	24.8	416	75.2	1906, . . .		1,752	486	27.7	1,266	72.3		
1878, . . .		600	182	30.3	418	69.7	1907, . . .		1,932	556	28.8	1,376	71.2		
1879, . . .		546	157	28.8	389	71.2	1908, . . .		1,766	497	28.1	1,269	71.9		
1880, . . .		580	177	30.5	403	69.5	1909, . . .		1,739	477	27.4	1,262	72.6		
1881, . . .		409	129	31.5	280	68.5	1910, . . .		1,929	517	26.8	1,412	73.2		
1882, . . .		515	130	25.2	385	74.8	1911, . . .		2,137	597	27.9	1,540	72.1		
1883, . . .		655	194	29.6	461	70.4	1912, . . .		1,927	557	28.9	1,370	71.1		
1884, . . .		614	204	33.2	410	66.8	1913, . . .		2,126	653	30.7	1,473	69.3		
1885, . . .		645	214	33.1	431	66.9	1914, . . .		2,200	591	26.9	1,609	73.1		
1886, . . .		600	180	30.0	420	70.0	1915, . . .		2,252	632	28.1	1,620	71.9		
1887, . . .		796	241	30.3	555	69.7	1916, . . .		2,301	650	28.2	1,651	71.8		

Table 25

Table 25	PERIODS OF YEARS.	DIVORCES GRANTED: 1860 TO 1916.			Per cent. in-crease in total popula-tion over preceding census.
		Total number.	INCREASE OVER PRECED-ING PERIOD.		
			Number.	Per cent.	
1860 to 1864,	1,150	—	—	2.9	
1865 to 1869,	1,685	535	46.5	15.0	
1870 to 1874,	2,143	458	27.2	13.4	
1875 to 1879,	2,801	658	30.7	7.9	
1880 to 1884,	2,773	28 ¹	.9 ¹	8.9	
1885 to 1889,	3,421	648	23.4	15.3	
1890 to 1894,	4,396	975	28.5	11.7	
1895 to 1899,	5,653	1,257	28.6	12.2	
1900 to 1904,	7,531	1,878	33.2	7.1	
1905 to 1909,	8,743	1,212	16.1	12.1	
1910 to 1914,	10,319	1,576	18.0	8.2	
1915, 1916,	4,553	227 ²	5.2 ²	—	

¹ Decrease.² Increase over preceding two years, 1913 and 1914.

Table 26	COMPARISON OF INCREASE IN DIVORCE WITH INCREASE IN POPULATION: 1870 TO 1916.								
	CENSUS YEARS.	DIVORCES.			POPULATION.			Popu- lation to one divorcee.	Divorces per 100,000 popula- tion.
		Total number.	INCREASE OVER PRECBING CENSUS YEAR.		Total.	INCREASE OVER PRECEDING CENSUS YEAR.			
			Num- ber.	Per cent.		Num- ber.	Per cent.		
1870,	379	46	13.8	1,457,351	190,320	15.0	3,845	26.0	
1875,	577	198	52.2	1,651,912	194,561	13.4	2,863	34.9	
1880,	580	3	.5	1,783,085	131,173	7.9	3,074	32.5	
1885,	645	65	11.2	1,942,141	159,056	8.9	3,011	33.2	
1890,	654	9	1.4	2,238,943	296,802	15.3	3,423	29.2	
1895,	954	300	45.9	2,500,183	261,240	11.7	2,621	38.2	
1900,	1,258	304	31.9	2,805,346	305,163	12.2	2,230	44.8	
1905,	1,554	296	23.5	3,003,680	198,334	7.1	1,933	51.7	
1910,	1,929	375	24.1	3,366,416	362,736	12.1	1,745	57.3	
1915,	2,252	323	16.7	3,693,310	326,894	9.7	1,640	61.0	
1916,	2,301 ¹	49 ¹	2.2	3,775,720 ¹	65,928 ¹	1.8	1,641	60.9	

¹ Increase over 1915.

Table 27	DIVORCE RATES BASED ON TOTAL POPULATION AND ON MARRIED POPULATION: 1870 TO 1916.					
	POPULATION.		DIVORCES: ANNUAL AVERAGE. ¹		Married popu- lation to one divorcee.	Divorces per 100,000 married popu- lation.
	Total.	Married.	Number.	Per 100,000 popu- lation.		
1870,	1,457,351	— ²	345	25	—	—
1875,	1,651,912	645,245	550	33	1,173	85
1880,	1,783,085	— ²	530	30	—	—
1885,	1,942,141	739,586	662	34	1,117	90
1890,	2,238,943	843,208	725	32	1,163	86
1895,	2,500,183	943,245	1,092	44	864	116
1900,	2,805,346	1,053,898	1,292	47	816	123
1905,	3,003,680	1,134,320	1,731	58	655	153
1910,	3,366,416	1,300,271	1,900	56	684	146
1915,	3,693,310	1,474,590	2,252	—	655	153
1916,	3,775,720	1,508,059	2,301	—	655	153 ³

¹ For the five-year period of which the census year is the median year.² Not tabulated.³ Per 100,000 estimated married population on July 1.

Table 28

ANNUAL AVERAGE¹ NUMBER OF DIVORCES IN THE STATE AND IN EACH COUNTY: CENSUS YEARS 1880 TO 1916.

COUNTIES.	NUMBER.						RATE PER 100,000 POPULATION.					
	1915. ²	1910.	1905.	1900.	1890.	1880.	1915. ²	1910.	1905.	1900.	1890.	1880.
The State.	2,251	1,900	1,731	1,292	724	530	61	56	58	46	32	30
Barnstable, . . .	21	16	14	11	12	57 ³	73	57	54	40	41	32 ³
Berkshire, . . .	56	57	56	41	22	22	49	54	57	43	27	32
Bristol, . . .	174	140	139	99	46	—	50	44	52	39	25	—
Dukes, . . .	2	2	1	2	1	— ³	41	53	31	44	23	— ³
Essex, . . .	295	268	230	183	115	86	64	61	60	51	38	35
Franklin, . . .	27	27	26	20	10	11	56	62	60	49	26	31
Hampden, . . .	170	130	107	78	53	35	65	56	55	44	39	34
Hampshire, . . .	22	22	22	16	11	12	32	34	34	27	21	25
Middlesex, . . .	383	311	313	231	85	77	52	46	52	41	20	21
Nantucket, . . .	1	1	—	2	1	— ³	32	20	14	67	31	— ³
Norfolk, . . .	88	75	52	39	25	14	44	40	31	26	21	15
Plymouth, . . .	117	108	94	66	41	25	71	75	73	58	44	31
Suffolk, . . .	703	544	499	379	207	124	85	74	76	62	43	32
Worcester, . . .	193	200	176	140	90	65	45	50	49	40	32	29

¹ For the five-year period of which the census year is the median year.² For the three-year period of which the census year is the median year.³ The number of divorces and divorce rates shown after Barnstable County for 1880 are for Barnstable, Dukes, and Nantucket counties combined.

Table 29

DIVORCES GRANTED FOR SPECIFIED CAUSES FOR 57 YEARS: 1860 TO 1916.

CAUSES.	TOTAL.			GRANTED TO HUSBAND.			GRANTED TO WIFE.		
	Num-ber.	Per cent.	Per cent. distribution.	Num-ber.	Per cent.	Per cent. distribution.	Num-ber.	Per cent.	Per cent. distribution.
All Causes.	55,168	100.0	100.0	16,308	29.6	100.0	38,860	70.4	100.0
Desertion, . . .	25,575	100.0	46.4	9,402	36.8	57.7	16,173	63.2	41.6
Adultery, . . .	10,953	100.0	19.9	5,513	50.3	33.8	5,440	49.7	14.0
Cruel and abusive treat-ment.	8,481	100.0	15.4	273	3.2	1.7	8,208	96.8	21.1
Intoxication, . . .	6,423	100.0	11.6	936	14.6	5.7	5,487	85.4	14.1
Neglect to provide, . .	1,617	100.0	2.9	—	—	—	1,617	100.0	4.2
Extreme cruelty, . . .	1,490	100.0	2.7	27	1.8	.2	1,463	98.2	3.8
Nullity of marriage, . .	297	100.0	.5	119	40.1	.7	178	59.9	.5
Imprisonment, . . .	206	100.0	.4	5	2.4	— ¹	201	97.6	.5
Impotency, . . .	126	100.0	.2	33	26.2	.2	93	73.8	.2

¹ Less than one-tenth of 1 per cent.

Table 30

CAUSES OF DIVORCE: 1860 TO 1916.

YEARS DIVORCES WERE GRANTED.	All causes.	Deser- tion.	Adul- tery.	Cruel and abusive treat- ment.	Intoxi- cation.	Neglect to pro- vide.	Extreme cruelty.	Nullity of mar- riage.	Im- prison- ment.	Impo- tency.
1860 to 1916.	55,168	25,575	10,953	8,481	6,423	1,617	1,490	297	206	126
1860, . . .	243	121	118	-	-	1	1	-	1	1
1861, . . .	234	120	98	-	-	3	10	-	2	1
1862, . . .	196	95	90	-	-	3	4	-	4	-
1863, . . .	207	95	97	-	-	6	6	-	1	2
1864, . . .	270	129	128	-	-	4	9	-	1	-
1865, . . .	333	133	181	-	-	10	9	-	-	-
1866, . . .	392	142	234	-	-	3	10	-	2	1
1867, . . .	282	80	179	-	-	9	7	-	5	2
1868, . . .	339	128	193	-	-	7	7	-	3	1
1869, . . .	339	128	188	-	-	6	12	-	4	1
1870, . . .	379	139	219	3	1	4	11	-	2	-
1871, . . .	325	141	164	4	1	7	4	-	1	3
1872, . . .	343	151	167	3	3	3	13	-	2	1
1873, . . .	449	192	180	8	33	6	23	-	7	-
1874, . . .	647	284	173	27	73	32	56	-	2	-
1875, . . .	577	254	132	35	91	14	46	-	3	2
1876, . . .	525	217	117	36	90	18	45	-	2	-
1877, . . .	553	214	143	54	74	7	59	-	2	-
1878, . . .	600	250	148	53	86	11	43	-	7	2
1879, . . .	546	264	131	41	67	12	29	-	2	-
1880, . . .	580	264	153	59	62	7	30	-	3	2
1881, . . .	409	197	104	36	42	12	16	-	2	-
1882, . . .	515	258	117	24	73	12	28	-	3	-
1883, . . .	655	321	157	50	83	13	29	-	1	1
1884, . . .	614	278	163	58	79	9	22	-	4	1
1885, . . .	645	306	151	55	86	4	35	-	5	3
1886, . . .	600	275	125	62	98	7	32	-	1	-
1887, . . .	796	397	179	72	111	16	16	-	5	-
1888, . . .	624	304	126	59	89	12	22	4	5	3
1889, . . .	756	378	146	69	101	20	36	4	-	2
1890, . . .	654	335	136	56	88	11	17	7	3	1
1891, . . .	799	389	140	94	109	18	39	5	2	3
1892, . . .	790	376	166	86	104	29	18	6	4	1
1893, . . .	1,045	498	219	134	140	16	26	6	5	1
1894, . . .	1,107	511	221	118	154	32	58	9	4	-
1895, . . .	954	473	183	90	101	30	67	8	1	1
1896, . . .	1,230	583	254	124	154	39	65	5	6	-
1897, . . .	1,123	514	204	147	123	54	61	14	3	3
1898, . . .	1,182	500	243	184	150	58	30	6	6	5
1899, . . .	1,163	532	219	137	175	27	58	9	6	-
1900, . . .	1,258	591	229	195	152	51	32	2	5	1
1901, . . .	1,376	649	256	153	181	50	72	11	2	2
1902, . . .	1,480	687	273	191	199	62	53	8	5	2
1903, . . .	1,721	768	299	334	220	68	9	9	5	9
1904, . . .	1,698	801	290	333	193	52	7	10	7	5
1905, . . .	1,554	718	245	324	194	49	3	13	6	2
1906, . . .	1,752	802	291	336	240	66	1	7	5	4
1907, . . .	1,932	859	303	328	297	54	67	15	4	5
1908, . . .	1,766	815	259	379	232	53	3	16	3	6
1909, . . .	1,739	782	246	355	212	49	71	8	8	8
1910, . . .	1,929	849	282	382	255	76	63	13	4	5
1911, . . .	2,137	964	323	478	282	74	-	8	3	5
1912, . . .	1,927	946	219	474	214	44	-	20	6	4
1913, . . .	2,126	1,002	259	501	261	79	-	17	4	4
1914, . . .	2,200	1,095	224	525	244	83	-	20	5	4
1915, . . .	2,252	1,124	235	571	214	72	-	21	4	11
1916, . . .	2,301	1,157	234	644	193	43	-	16	9	5

Table 31

APPLICATIONS FOR DIVORCE: 1882 TO 1916.

YEARS OF APPLICA- TION.	Total.	GRANTED.		REFUSED.		DISMISSED.		CONTESTED.		NOT CONTESTED.	
		Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.	Num- ber.	Per cent.
1882 to 1916.	60,853	46,435	76.3	1,181	1.9	13,237	21.8	6,814	11.6	51,790	88.4
<i>1882 to 1892.</i>	<i>10,336</i>	<i>7,483</i>	<i>72.4</i>	<i>563</i>	<i>5.4</i>	<i>2,290</i>	<i>22.2</i>	<i>1,085</i>	<i>13.4</i>	<i>7,002</i>	<i>86.6</i>
1882, ¹	712	547	76.8	165	-	n.s.	-	144	20.2	568	80.0
1883, ¹	943	655	69.5	66	7.0	222	23.5	105	14.5	616	85.4
1884, ¹	911	615	67.5	50	5.5	246	27.0	99	14.9	566	85.1
1885, ¹	974	646	66.3	47	4.8	281	28.9	86	12.4	607	87.6
1886, ¹	848	601	70.9	42	5.0	205	24.2	83	12.9	560	87.1
1887, ¹	1,147	796	69.4	47	4.1	304	26.5	116	13.8	727	86.2
1888, ¹	1,221	624	51.1	45	3.7	552	45.2	88	13.2	581	86.8
1889, ¹	898	756	84.2	14	1.6	128	14.3	84	10.9	686	89.1
1890, ¹	780	654	83.8	21	2.7	105	13.5	85	12.6	590	87.4
1891, ¹	924	799	86.5	19	2.1	106	11.5	107	13.1	711	86.9
1892, ¹	978	790	80.8	47	4.8	141	14.4	88	10.0	790	90.0
<i>1893 to 1916.</i>	<i>50,517</i>	<i>38,952</i>	<i>77.1</i>	<i>618</i>	<i>1.2</i>	<i>10,947</i>	<i>21.7</i>	<i>5,729</i>	<i>11.3</i>	<i>44,788</i>	<i>88.7</i>
1893,	1,350	1,045	77.4	38	2.8	267	19.8	223	16.5	1,127	83.5
1894,	1,622	1,107	68.2	24	1.5	491	30.3	290	17.9	1,332	82.1
1895,	1,141	954	83.6	42	3.7	145	12.7	162	14.2	979	85.8
1896,	1,610	1,230	76.4	45	2.8	335	20.8	260	13.9	1,350	86.1
1897,	1,610	1,123	69.8	56	3.5	431	26.8	227	14.1	1,383	85.9
1898,	1,843	1,182	64.1	15	.8	646	35.1	270	14.7	1,573	85.3
1899,	1,784	1,163	65.2	11	.6	610	34.2	168	9.4	1,616	90.6
1900,	1,413	1,258	89.0	10	.7	145	10.3	167	11.8	1,246	88.2
1901,	1,637	1,376	84.1	9	.5	252	15.4	202	12.3	1,435	87.7
1902,	1,863	1,480	79.4	12	.6	371	19.9	260	14.0	1,603	86.0
1903,	2,233	1,721	77.1	33	1.5	479	21.5	338	15.1	1,895	84.9
1904,	2,184	1,698	77.7	98	4.5	388	17.8	436	20.0	1,748	80.0
1905,	1,822	1,554	85.3	30	1.6	233	13.1	292	16.0	1,530	84.0
1906,	2,610	1,752	67.1	19	.7	839	32.1	153	6.0	2,457	94.1
1907,	2,259	1,932	85.5	24	1.1	303	13.4	184	8.1	2,075	91.9
1908,	2,135	1,766	82.7	12	.6	357	16.7	162	7.6	1,973	92.4
1909,	2,366	1,739	73.5	37	1.6	590	24.9	248	10.5	2,118	89.5
1910,	2,473	1,929	78.0	13	.5	531	21.5	238	9.6	2,235	90.4
1911,	2,909	2,137	73.5	-	-	772	26.5	290	10.0	2,619	90.0
1912,	2,532	1,927	76.1	12	.5	593	23.4	259	10.2	2,273	90.0
1913,	2,640	2,126	80.5	30	1.1	484	18.3	237	9.0	2,403	91.0
1914,	2,964	2,200	74.2	25	.8	739	24.9	267	9.0	2,697	91.0
1915,	2,728	2,252	82.6	-	-	476	17.4	263	7.4	2,525	92.6
1916,	2,789	2,301	82.5	23	.8	465	16.7	163	6.9	2,596	93.1

¹ No data available showing facts as to contest in case of libels dismissed in the years 1882 to 1892.

Table 32

NUMBER OF YEARS LIBELLANTS WERE MARRIED AT TIME OF APPLICATION FOR DIVORCE: 1882 TO 1916.¹

YEARS OF APPLICATION.	Total.	Under 6 months.	6 to 11 months.	1 to 4 years.	5 to 9 years.	10 to 19 years.	20 to 29 years.	30 years and over.	Average.
1882 to 1916.	58,530	407	363	10,975	18,302	20,246	6,526	1,611	—
1882 to 1892.	8,027	33	38	1,239	2,593	3,043	844	237	—
1882, ²	708	5	4	104	250	235	80	30	—
1883, ²	720	3	2	112	244	287	52	20	10.9
1884, ²	665	1	3	102	199	273	65	22	11.7
1885, ²	692	2	2	105	213	276	70	24	11.6
1886, ²	641	4	3	109	188	256	62	19	11.5
1887, ²	841	3	1	122	256	342	91	26	11.7
1888, ²	608	6	6	108	230	231	60	18	11.0
1889, ²	770	4	—	121	251	297	78	19	11.0
1890, ²	675	3	4	107	225	233	85	18	11.3
1891, ²	818	2	8	108	286	299	100	15	10.5
1892, ²	829	—	5	141	251	314	92	26	11.7
1893 to 1916.	50,503	374	325	9,736	15,709	17,303	5,682	1,374	—
1893.	1,348	8	9	237	421	477	147	49	11.6
1894.	1,620	16	17	320	477	576	165	49	11.5
1895.	1,139	7	8	216	336	418	129	25	11.5
1896.	1,609	14	9	279	512	569	179	47	11.5
1897.	1,607	9	8	288	508	551	184	49	11.3
1898.	1,843	12	3	347	583	645	193	60	11.0
1899.	1,784	3	2	340	568	626	195	50	11.0
1900.	1,413	4	2	247	444	534	138	44	11.3
1901.	1,637	9	2	299	514	599	175	39	11.0
1902.	1,863	13	3	355	545	691	202	54	11.2
1903.	2,233	17	28	333	673	858	251	73	11.4
1904.	2,184	25	31	413	634	781	234	66	10.9
1905.	1,819	9	23	351	572	621	184	49	11.0
1906.	2,610	41	2	485	820	890	303	69	10.7
1907.	2,259	22	5	411	715	776	269	61	11.2
1908.	2,135	8	12	556	613	665	235	46	11.0
1909.	2,336	21	32	406	726	822	283	76	11.2
1910.	2,473	30	—	526	740	829	285	63	10.8
1911.	2,909	20	29	543	880	974	406	57	11.2
1912.	2,532	3	21	501	820	823	304	60	10.5
1913.	2,640	23	23	479	835	891	318	71	11.2
1914.	2,963	20	1	809	910	850	307	66	10.9
1915.	2,728	20	23	437	946	940	280	82	10.7
1916.	2,789	20	32	548	917	887	316	69	10.6

¹ Exclusive of those for which duration of marriage was unknown.² Exclusive of libels which were dismissed.

IV.

MORTALITY STATISTICS.

IV.

MORTALITY STATISTICS.

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INTRODUCTION.

A. General Mortality.

Source of Data. — Mortality statistics are based upon original data obtained by the registration of deaths, which is accomplished by the use of a blank or schedule known as a death certificate. The responsibility for seeing that a certificate is properly made out and filed with the board of health or its agent rests primarily with the undertaker. The board of health is required to transmit the certificate to the city or town clerk.²

¹ For a list of the tables on mortality statistics, see pages v to vii.

² Revised Laws, chapter 29, section 12.

Death Registration. — The functions of death registration are legal, economic, and social. Death registration is useful in preventing and detecting crime through the restrictions placed upon the disposal of dead bodies. It serves as evidence in the inheritance of property and in the settlement of life insurance contracts and policies. It also permits health officers to attack epidemics in their incipiency by indicating that preventable diseases are causing undue numbers of deaths and showing the exact location of such undue mortality, the ages and classes of persons affected, and the relation of the diseases to season, race, sex, poverty, and other conditions.

*Number of Deaths and Death Rates.*¹ — There was an increase in the mortality of 1916 from that of 1915, the number of deaths occurring during the calendar year 1916 being 56,366, or an increase over 1915 of 3,235. Based on the estimated midyear population of 3,775,720, these deaths correspond to a rate of 14.9 per 1,000 population. This rate is higher than the death rate in 1915 (14.4) and in 1914 (14.5), the same as in 1912 and 1913 (14.9), but is lower than for any year prior to 1912.

During the first sixteen years of the present century the crude death rate of Massachusetts has fallen from 18.2 per 1,000 in 1900 to 14.4 in 1915 and 14.9 in 1916. This remarkable decrease in mortality has been the rule rather than the exception in the experiences of the American States and of many foreign countries.² Since 1851 the average death rate for Massachusetts has been 18.5 per 1,000 living, as compared with 14.9 in 1916. During the period 1871 to 1875 this rate stood at 20.9, and as recently as 1896 to 1900, at 18.1, since which time the fall has been fairly rapid.

¹ Crude death rates are expressed in terms of the number of deaths per 1,000 population, or in some instances per 10,000 or 100,000, and are calculated by dividing the total number of deaths by the population in thousands. Crude death rates are of value for showing the numerical loss of the population by death, for comparing the death rates of the same community for a number of years, and for comparing the death rates of different communities having populations of similar compositions as to sex and age, etc. For populations of different sex and age compositions the comparison of crude death rates leads to erroneous conclusions, for the reasons that the death rates of women are usually lower than those of men, and the death rates of the several age groups vary within wide limits. Other factors which seriously affect the comparability of the death rates of different communities are: (1) the race composition of the population; (2) the social, marital, and economic status of the people; (3) the nature and conditions of employment; (4) the location of hospitals and institutions; (5) migration; and (6) the birth rate. Some of these disturbing factors may be overcome by the use of what are known as specific and standardized death rates. In 1895 the International Statistical Institute recommended that to facilitate the comparison of death rates of different countries, the population of Sweden as it existed in 1890 be used as a standard population for the statement of rates. This system standardizes for age, while the system used by the Registrar-General of England and Wales, based on the population of England and Wales as shown by the 1901 census, standardizes for both age and sex.

² See Tables 48 and 49, on pages 137 and 138.

Table 36, on page 126, shows the number of deaths and the death rates per 1,000 population for the census years, and per 1,000 estimated population for the intercensal years from 1851 to 1916.

Sex. — Of the 56,366 deaths in 1916, 29,536, or 52.4 per cent., were males, as compared with 52 per cent. in 1915. In 7 cases the sex of the decedent was unknown or not reported. The proportion of males in the living population in 1915 was 49.1 per cent. Expressed as a ratio there were 1,101 deaths of males per 1,000 deaths of females in 1916, as compared with 1,060 in 1915, 1,085 in 1914, and 1,077 for the five years from 1909 to 1913.

Table 37, on page 127, presents the number of deaths distributed by sex and the ratio of the mortality among the males to that among the females for each year from 1860 to 1916, and the death rates for each sex and the excess of the male death rate over the female death rate for the census years 1860 to 1915. Reference to this table shows that in 1865, undoubtedly as a result of the civil war, the death rate for males was 2.1 greater than the death rate for females, and in 1870 the rate for males exceeded that for females by only .9 per 1,000. Since 1875, however, although the death rates for both males and females have steadily declined, the difference between the death rates of the sexes has fluctuated considerably, reaching the maximum in 1905, when the difference was 1.9 per 1,000, declining in 1910 to 1.8 per 1,000 and increasing in 1916 to 1.9 per 1,000. An almost steady increase in the proportion of male to female deaths, particularly from 1878 to 1916, with a slight decrease in 1914 and 1915, are shown in the same table.

Table 38, on page 128, shows the causes of death which mainly account for the difference in mortality between the sexes. The excess of the mortality of males was greatest from violence and tuberculosis of the lungs.

The excess in the mortality of males from all causes during the first year of life in 1916 amounted to 31.1 per 1,000 population.

Age. — Of the 56,366 deaths in 1916, 9,334, or 16.6 per cent., were of infants under 1 year of age, as compared with 17.9 per cent. in 1915 and an average of 19.7 per cent. for the five years from 1910 to 1914. A more detailed discussion of infant mortality may be found on pages 95 to 99.

The ages at which the people have been most benefited by reduc-

tions in death rates are illustrated in Table 39, on page 129, which shows the number of deaths and the death rates per 1,000 population for the census years 1875 to 1915. While the death rates for the lower ages have decreased in recent years, the death rates of persons 50 years and upwards have increased. In the forty years covered by this table the death rate of infants under 1 year of age declined from 226.6 to 126.1 per 1,000 population under 1 year of age; the death rate of children under 5 years of age declined from 74.0 to 35.5 per 1,000; and so on for all age periods up to 50 years. Above the age of 50 years the death rate in 1910 was very much higher than in 1875. The decrease in the death rate for all ages, and in the rates due to diseases most frequent in the early years of life, on the one hand, and the increase in rates for the advanced ages, on the other, indicate increased longevity.

The proportion which deaths of certain ages form of all deaths for the period 1872 to 1916 is shown in Table 40, on page 130. There has been a steady decline in the proportion of deaths under 1 year, under 5 years, and from 20 to 29 years, with a corresponding steady increase in the proportion of deaths at all other ages.

Sex and Age. — The death rate of adult males we should naturally expect would be greater than the rate for adult females, on account of the more dangerous occupations of the males, but the excess in the death rates of male infants as compared with female infants has never been satisfactorily explained. Of the 9,334 decedents under 1 year of age, 5,303 or 56.8 per cent., were males. The ratio of male to female deaths among the higher age periods fluctuated somewhat; the proportion of male deaths was always the larger from 1 year of age to the age period 65 to 69 years. From the age of 70 years and upwards the number of deaths of females exceeded the deaths of males. In the total population in 1915 the number of males was in excess of the number of females up to the age of 14 years; from that period on the excess of females was marked, particularly so beginning with the age period 50 to 54 years, when the excess increased greatly with the increase of age. The ratios of male deaths per 100 deaths of females at the various age periods in the three years 1914 to 1916 are shown in Table 41, on page 130.

The excess of females in the population 65 years of age and over

is so great, that, even though their mortality at each age period is below that of males, the absolute number of deaths is greater. Among the 29,536 male decedents in 1916, 5,303, or 18 per cent., were under 1 year of age; among the 26,823 female decedents, 4,031, or 15 per cent., were under 1 year; and among the decedents of both sexes, 16.6 per cent. were under 1 year. (See Table 42, on page 131.)

Marital Condition. — Nearly one-half (47.1 per cent.) of the decedents 15 years of age and over whose marital condition was reported in 1916 were married, 21.3 per cent. were single, and 31.5 per cent. were widowed and divorced. Among the male decedents 53.7 per cent. were married, 24.1 per cent. were single, and 22.1 per cent. were widowed and divorced. Among the female decedents 40.3 per cent. were married, 18.4 per cent. were single, and 41.3 per cent. were widowed and divorced. No precise study of the bearing of marital condition on mortality statistics can be made, however, without a detailed statement of the age distribution of the population, which was not available until after this report was prepared. Table 45, on page 134, shows the number of deaths of males and females 15 years of age and over, by marital condition.

Centenarians. — Among the deaths registered during 1916 there were 21 of reputed centenarians, 12 of whom were females; 10 were native and 11 were foreign born; 20 were widowed and 1 was married. Table 43, on page 132, presents data concerning the deaths of centenarians in 1916; and Table 44, on page 133, shows the number of deaths of centenarians by sex, nativity, marital condition, and maximum age at death for the thirty-six years 1881 to 1916.

Urban and Rural Districts. — There has been a greater decline in the death rate of urban areas than of rural areas in Massachusetts during the period 1910 to 1915. It should be borne in mind, however, that the urban population is increasing, while the rural population is relatively stationary, and also that it is largely increase of population, particularly of persons of the younger ages, that lowers a death rate. Death rates for cities and rural districts of Massachusetts compiled from the mortality reports of the United States Bureau of the Census are shown in Table 46, on page 135. While these death rates are not strictly comparable with others presented in this report, owing to the different method used by the United

States Bureau of the Census in estimating population from that used in this report, they have been compiled on a uniform basis and may therefore be used to compare one year with another in the same community.

Nativity. — Nearly two-thirds (66.3 per cent.) of the decedents whose nativity was reported on the death certificates in 1916 were native. There were 465 decedents whose nativity was not reported on the death certificates. The close correspondence between the nativity of decedents (67.6 per cent. native in 1915) and the nativity of the total population is shown by the census of 1915, 68.8 per cent. of the population of the Commonwealth at that time being native. The death rate among the native population (estimated) in 1916 was 14.4 per 1,000; among the foreign born it was 15.8.

Seasonal Distribution of Deaths. — The largest number of deaths during any month occurred in January (6,124), and the next largest number in March (5,335), the latter being usually the most unfavorable month as measured by mortality. Since the months are not of equal length, the monthly incidence must be reduced to a uniform basis. The average daily number of deaths for 1916 was 154. The months showing a higher average than that for the year were: January (198), February (179), March (172), December (162), and April (157). The months showing a lower average than that for the year were: July (124), June (132), August and October (140 each), September (146), November (147), and May (152). Table 47, on page 136, shows the number of deaths in each month in 1916 in the State, in each county, and in municipalities having over 50,000 inhabitants.

The increase in the number of deaths in 1916 over 1915 was greatest in the cold months of January, February, November, and December. January showed the greatest increase — 50 a day. April showed a reduction of 19 a day, May of 11 a day.

High winter, and more especially spring mortalities have occurred in this State in recent years, and may be attributed in a considerable degree to the deaths from pneumonia and other acute respiratory disease mortalities, and also diseases of the nervous and circulatory system. Deaths from these causes have greatly affected the mortality of advanced age, and, to a lesser degree, that of early life.

Deaths from diseases of the nervous system in the winter and spring months of 1916 numbered 90, or 3.2 per cent. more than those

which occurred in the summer and autumn months. The corresponding excess in 1915 was 431, or 18 per cent. The decrease in the percentage of excess in 1916 as compared with 1915 was due to the epidemic of infantile paralysis* in the summer and autumn of 1916, there being 434 deaths from this cause during the summer and autumn months as compared with only 18 deaths in the winter and spring months. Deaths from diseases of the circulatory system in the winter and spring months of 1916 numbered 1,444, or 29.8 per cent. more than in the summer and autumn months; while deaths from diseases of the respiratory system numbered 3,875, or 194.5 per cent. more. Bright's disease* and acute nephritis are also diseases of cold weather mortality; 55.0 per cent. of the 3,490 deaths from these causes occurred during the winter and spring months of 1916, as compared with 62.8 per cent. in 1915. Tuberculosis of the lungs* caused 4,467 deaths in the twelve months, and of these, 2,505, or 56.1 per cent., occurred during the winter and spring months of 1916, as compared with 62.8 per cent. in 1915.

B. Infant Mortality.

The enormous waste of infant life that is going on is shown by the fact that 1 baby out of every 10 born alive dies before reaching its first birthday. The death rate of infants under 1 year of age was over ten times as high as at all other ages of childhood and adult life, as measured by the ratio of deaths to the estimated living population in both age groups.¹ Of the 56,366 deaths registered in Massachusetts during 1916, 9,334, or 16.6 per cent., were those of infants under 1 year of age, corresponding to a mortality rate of 99.8 per 1,000 live births. The conditions which destroy so many of the youngest lives are certain to react unfavorably upon the health of the entire community, and often result in crippling and maiming those who do survive the first year in a manner such as to forever handicap them in becoming efficient social units.

The infant mortality rate of 99.8 per 1,000 live births is the lowest ever recorded for this Commonwealth, and is 22.1 per 1,000 live births, or 18.1 per cent. below the average (121.9) for the preceding

* Acceptable statement of cause of death without autopsy. See pages 263-267.

¹ This comparison is probably approximately correct, although the returns of all censuses of population under 1 year of age are somewhat unreliable, owing to the carelessness of parents in reporting as "one-year old" babies within a few months under or over that age.

ten years, 1906 to 1915. This reduction is partly the result of a decline in the rate of diarrheal* mortality and a decrease in the mortality from developmental and wasting diseases,* such as premature birth* and congenital malformations.* The decline in the infant mortality rate has been continuous since 1905 with the exception of two years (1908 and 1910). This remarkable salvage of the lives of babies in recent years has been due not so much to the gradual improvement in birth registration¹ but to an actual reduction in the number of deaths under 1 year of age. In the nine years from 1908 to 1916 there has been *an increase of 7.6 per cent. in the number of live births registered and a decrease in the actual number of deaths under 1 year of 19.6 per cent.* In fact, the actual number of deaths under 1 year of age was lower in 1916 (9,334) than in any year since 1890 (9,625), when the infant mortality rate was 166.6 per 1,000 live births.² The figures for each year in this remarkable record of reduction in infant mortality are shown in Table 50, on page 139.

A high proportion of the salvage of infant life in Massachusetts has taken place in Boston, where the infant welfare agencies have been untiring in their baby-saving campaigns. In 1916 deaths under 1 year of age numbered 2,046, or 104.4 per 1,000 live births, a slight increase over the rate of 103.8 in 1915, which was the lowest on record. In the nine years from 1908 to 1916 there has been an increase of 6.8 per cent. in the number of live births registered, and a decrease in the actual number of deaths under 1 year of 13.7 per cent. For the remainder of the State the number of births registered increased 7.8 per cent. during this period, while the number of deaths under 1 year decreased 17.9 per cent. The infant mortality rates for the State exclusive of Boston decreased from 129.4 in 1908 to 98.6 in 1916, or 23.8 per cent., as compared with a decrease in Boston from 148.8 in 1908 to 104.4 in 1916, or 29.8 per cent. (See Table 53, on page 142.)

The infant mortality rates in municipalities having 15,000 or more inhabitants for the years 1910 to 1915 are shown in Table 51, on

¹ The increase in the completeness of birth registration is responsible for a share in the decline of the infant mortality rate. An increase in the divisor (the number of registered live births) caused by the increase in the completeness of birth registration, at the same time that the dividend (the number of deaths under 1 year of age) remains the same, will manifestly result in a decrease in the quotient (the infant mortality rate).

² The largest number of infant deaths (11,765) since 1851 occurred in 1896, and the next largest number (11,606) in 1908, twelve years later.

page 140. Nearly all of these municipalities show decreases in infant death rates.

It should be borne in mind that the infant mortality rates of cities in which children's hospitals and maternity hospitals are located are often very misleading. For example, in Holyoke during the year ended September 30, 1916, 292 babies died under 1 year of age, corresponding to an infant mortality rate of 182 per 1,000 live births. But of the 292 babies dying in Holyoke, 104 were born in cities outside of Holyoke, and were brought, many of them in moribund condition, to the Brightside Institution. Of the 104 babies, Worcester sent 38, Springfield 15, and the remaining 51 were from 23 different cities and towns outside of Holyoke, and 5 outside the State. In other words, in the year ended September 30, 1916, only 65 per cent. of the infant mortality rate belonged to Holyoke, the other 35 per cent. being caused by deaths of babies born in other cities and towns, whose infant mortality rate was of course diminished with each baby sent to Holyoke.¹ Holyoke's true infant mortality rate was only 110 per 1,000 births instead of 182, as shown in Table 51. A careful analysis of the returns of other cities and towns in which children's hospitals are located would probably show lower infant mortality rates than appear in Table 51.

The highest proportion of deaths occur in the early period of infancy, and especially is this true of the first few days. In 1916, 2,711 deaths occurred in the first week, constituting 29 per cent. of all deaths under 1 year of age. On the first day the percentage of deaths (14) was higher than on any other day. In the first month of life there were 3,939 deaths, or 42.2 per cent. of all infant deaths. In the first three months there were 5,424 deaths, or 58.1 per cent. of all infant deaths. Three-fourths (75.2 per cent.) of the infant deaths occurred in the first half of the year.

This concentration of deaths in the early part of the first year of life is common to infant mortality elsewhere. For the registration area of the United States in 1915 the excess of deaths during the first weeks is even more marked. In this area deaths under 1 day formed 16.1 per cent. of all infant deaths, as compared with 14 per cent. in Massachusetts, while deaths under 1 week were 31.9 per cent., under 1 month 46.7 per cent., and under 3 months 63

¹ From a paper on Infant Mortality and its Relation to National Defense, delivered by Dr. Fred H. Allen before a meeting of the Parent Teachers Association at Holyoke, October 4, 1917.

per cent., as compared with 29, 42.2, and 58.1 per cent., respectively, in Massachusetts.

Babies are weakest at birth and during early infancy, and the hazard of life is greatest during the first weeks and months after birth. A large number of the deaths in early infancy are due to the fact that many babies are born with some handicap, and that in many instances the mother has been subjected to some condition which resulted in the birth of a child incapable of withstanding the ordinary strain of life. Proper prenatal care of mothers is of the utmost importance as a means of reducing the number of early deaths. Efforts toward this end have been made in several municipalities, notably in Boston, by hospitals, visiting nurses, health officers and others, who have attempted to make adequate medical advice and obstetrical care available to all mothers during pregnancy.

Over four-fifths (84.8 per cent.) of the 2,711 babies who died less than one week after birth died of prematurity, congenital debility, or malformations, or injuries received at birth. Of the 3,416 babies who died from these causes before reaching the age of 1 year, 35.3 per cent. died in less than one day, 67.4 per cent. died in less than one week, and 79.4 per cent. died in less than one month. The second most important cause of infant deaths, gastric and intestinal diseases, claimed 2,215, or 23.7 per cent., of the babies who died before reaching 1 year of age. Twelve per cent. of the babies who died from this cause died in less than one month after birth, 11 per cent. within one but less than two months after birth, 11.8 per cent. within two but less than three months after birth. Tables 57, 57*a*, and 58, on pages 144 to 149, show the number of deaths by important causes of infant deaths for certain subdivisions of the first year of life in 1916 in the State and in cities having 50,000 inhabitants or more in 1915.

Diarrhea and enteritis* is the most important preventable cause of infant mortality, especially prevalent during the summer season, and due in large part to methods of feeding, hot weather, and the living and social conditions of the parents. With hygienic care, including cool baths, much fresh air, and careful feeding, many infants are able to pass through extremely hot weather without serious diarrheal disturbances. The mortality of infants from diarrhea and enteritis* has decreased steadily from 38.2 per 1,000 live births

in 1910 to 22.4 in 1916. Deaths under 2 years¹ of age from diarrhea and enteritis* for each month of the seven years 1910 to 1916 are shown in Table 56, on page 143, which illustrates in striking manner the great reductions that have been made in the number of deaths from this cause, probably due to infant welfare work carried on in many cities, particularly during the hotter months.

The largest number of deaths of infants is due to developmental and wasting diseases,* and the figures indicate a reduction in infant mortality due to these causes, — from 42.5 deaths per 1,000 live births in 1910 to 33.1 in 1916. Respiratory diseases also caused a considerable number of deaths. The number of deaths from bronchopneumonia* shows an increase in recent years, with a slight check in 1915 and 1916. In 1910 there were 695 infant deaths from this cause; in 1911, 732; in 1912, 859; in 1913, 1,082; in 1914, 1,455; in 1915, 1,068; in 1916, 1,006. The principal causes of infant deaths for the years 1910 to 1914 are shown in Table 55, on page 143.

At least 704 of the 9,334 infant deaths were due to preventable causes. Pneumonia, commonly due to bad ventilation, improper clothing or exercise, or a sequel of measles, whooping cough, or the grip, caused 403 deaths; tuberculosis, another preventable malady, killed 199 infants; diphtheria, easily curable if treated in time, killed 33 more. Heart diseases, due almost invariably at this period of life to infectious disorders, resulted fatally in 63 cases, while 6 children were burned to death. For the prevention of such deaths no one has quite the same opportunity or responsibility as the parent.

C. Cause of Death.

Sources of Error in Mortality Statistics. — The chief element of error in mortality statistics lies in the inaccuracy of the statement of the cause of death as reported by the attending physician, who may not have been in a position to feel reasonably certain as to the nature of the terminal illness, or who may, at the request of the family of the decedent, deliberately withhold a statement of the true cause of death, as when the condition is either tuberculosis, cancer, or syphilis. Statements of cause of death are often incomplete as a result of the unintentional failure of the physician to state all the

¹ Deaths from diarrhea and enteritis by months were not tabulated for children under 1 year of age.

morbid conditions known to him which resulted in the death.¹ It is also probable that there are many unavoidable errors of mistaken diagnosis.²

It should also be borne in mind that the process of classifying the thousands of different terms — some of them of a very indefinite or unsatisfactory character — under the 189 titles of the International List of Causes of Death presents many difficulties which are seldom fully appreciated by those who have not engaged in the work of classification. Even if each certificate of death out of the 56,366 received during 1916 at the office of the Secretary of the Commonwealth bore only a single cause, the process would present many difficulties. Many certificates, however, bear statements of two or more causes instead of one, and a system of selection, according to the precedents and rules of the International Committee, has been adopted by the United States Bureau of the Census,³ and is used in the office of the Secretary of the Commonwealth. Because of the complications attendant upon any attempt to show all primary and secondary terms in relation, it becomes necessary to base all statistical compilations of causes of death on the selection of a preferred term. As a result it is evident that there may be a margin of error, because in a considerable number of certificates only one of the contributory causes may be shown. Each definite cause of death as compiled, therefore, represents a minimum number, which would be increased if deaths from such causes that were not properly reported and hence were classified under various ill-defined titles could be included.

An extract of a report on "The Accuracy of Certified Causes of Death: Its Relation to Mortality Statistics and the International List," made by a Committee of the Section on Vital Statistics of

¹ For example, the statement of "acute nephritis" is often returned as a cause of death, with no mention of the "scarlet fever" which terminated in the "acute nephritis." "Meningitis" is sometimes reported as a cause, when there has been a primary condition, such as "whooping cough" or some form of traumatism, antecedent to the final condition.

² Dr. Richard C. Cabot, in an article on Diagnostic Pitfalls identified during a Study of 3,000 Autopsies, published in the Journal of the American Medical Association, December 28, 1912, page 2295, and Dr. Horst Oertel, in an article on The Inaccuracy of American Mortality Statistics, published in the American Underwriter, May, 1913, have pointed out that in the best hospitals bedside diagnoses of even the commoner maladies often prove to be erroneous on autopsy. In Dr. Cabot's study of 3,000 autopsies it was found that while the results were confirmatory of the original diagnoses to a high degree in certain classes of causes such as diabetes mellitus (95 per cent.), typhoid fever (92 per cent.), aortic regurgitation (84 per cent.), in others the percentages of correct diagnoses were very low: acute nephritis (16 per cent.), chronic myocarditis (22 per cent.), broncho-pneumonia (33 per cent.), acute endocarditis (39 per cent.), chronic interstitial nephritis (50 per cent.), miliary tuberculosis (52 per cent.), and active phthisis (59 per cent.).

³ Index of Joint Causes of Death, 1914.

the American Public Health Association in October, 1917, is printed on pages 263 to 267, of this report.¹

Principal Causes of Death. — Twenty-nine per cent. of the 56,366 deaths reported for 1916 were due to three causes, — heart diseases,* tuberculosis, and pneumonia; and nearly two-thirds (63.9 per cent.) were charged to nine causes, — the three just named, together with Bright's disease* and nephritis, cancer, cerebral hemorrhage,* diarrhea and enteritis, congenital debility* and malformations,* and violence.

The increase in the death rate in 1916 as compared with 1915 was due chiefly to increases in the number of deaths from: (1) acute anterior poliomyelitis (infantile paralysis),* from 32 in 1915 to 452 in 1916, an increase of 1,312.5 per cent; (2) organic diseases of the heart,* from 4,625 in 1915 to 7,152 in 1916, an increase of 54.6 per cent., corresponding to an increase in the death rate per 100,000 population from 125.2 to 189.4, or 51.3 per cent; (3) measles,* from 149 deaths in 1915 to 392 in 1916, an increase of 163.1 per cent., corresponding to an increase in the death rate from 4 to 10.4, or 160 per cent.; (4) influenza,* from 232 deaths in 1915 to 539 in 1916, an increase of 132.3 per cent., corresponding to an increase in the death rate from 6.3 to 14.3, or 127 per cent.; (5) tuberculosis of the lungs,* from 4,283 deaths in 1915 to 4,575 in 1916, an increase of 6.8 per cent., corresponding to an increase in the death rate from 116 to 121.2, or 4.5 per cent. Other diseases showing an increase in the death rates were: whooping cough,* from 7.7 per 100,000 population in 1915 to 9.2 in 1916; deaths from violence, from 72.9 in 1915 to 78 in 1916; pneumonia, from 101.2 in 1915 to 106.3 in 1916; acute bronchitis, from 8.5 in 1915 to 11.1 in 1916. Diseases showing a decrease in death rates were: congenital debility,* from 96 per 100,000 population in 1915 to 83.5 in 1916; diarrhea and enteritis (under 2 years),* from 68.7 in 1915 to 63.3 in 1916; typhoid fever, from 6.7 in 1915 to 4.6 in 1916.

The deaths from *heart diseases** (organic diseases of the heart* and endocarditis*) in 1916 numbered 8,174, or 14.5 per cent. of all deaths, or 216.4 per 100,000 population. Organic diseases of the heart* caused more deaths than any one disease, and in 1916 deaths from this cause increased 54.6 per cent. over 1915, while the death rate per 100,000 population increased to 189.4 for 1916, or 51.3

¹ In this report an asterisk (*) has been used in the text and tables to denote those certified causes of death which the committee, after careful consideration, reported were acceptable statements of causes of death without autopsy.

per cent. over the rate of 125.2 in 1915 and 43.1 per cent. over the average rate (132.4) for the five years from 1910 to 1914.

Tuberculosis in its various forms claimed 5,422 victims in 1916, of whom 4,575 died from tuberculosis of the lungs.* Deaths due to the latter cause constituted 8.1 per cent. of all deaths during the year, as compared with 8.1 per cent. for the five years 1911 to 1915. In the six years from 1910 to 1915 the death rate from tuberculosis of the lungs* fell from 133.2 to 116 per 100,000 population, a drop of 12.9 per cent., the decline being continuous from year to year. In 1916, however, there was an increase in the death rate from this disease to 121.2. Tuberculosis of the lungs* has the unenviable distinction of causing more deaths than any other form of bodily illness except heart diseases.*

Pneumonia (including bronchopneumonia*) was responsible for 6,567 deaths in 1916, or 173.9 per 100,000 population, as compared with 174.6 in 1915, 164.3 in 1914, and 170.8 in 1913. The fluctuation in the death rates from year to year has been pronounced.

*Bright's disease** and *nephritis* were the causes of 3,490 deaths in 1916, corresponding to a rate of 92.4 per 100,000 population, as compared with an average rate of 93.3 for the five years from 1910 to 1914. There were 3,222 deaths caused by Bright's disease* and 268 by acute nephritis.

Next in order of deadliness come *cancer and other malignant tumors*, which caused 3,990 deaths in 1916. Of these, 1,576, or 39.5 per cent., resulted from cancers of the stomach and liver. The death rate from cancer has risen from 89.6 in 1910 to 105.7 in 1916. The increase has been continuous. It is possible that at least a part of this increase is due to more correct diagnosis and greater care on the part of physicians in making reports.

Congenital debility and malformations** caused 3,151 deaths in 1916, corresponding to a rate of 83.5 per 100,000 population. The death rates from these causes have shown a steady decline from 109.2 in 1910 (with the exception of 1912, 114.2).

*Apoplexy** was the cause of 3,510 deaths, or 93 per 100,000 population. The death rate from this disease has fluctuated somewhat, from 98.2 in 1910 to 98.1 in 1911, 101.1 in 1912, 97.8 in 1913, 72.9 in 1914, 94.3 in 1915.

Diarrhea and enteritis caused 2,863 deaths in 1916, or 75.8 per 100,000 population. This rate has shown a marked falling off in

recent years. Nearly 84 per cent. of the total number of deaths charged to these causes in 1916 were of infants under 2 years of age.* The rates for this cause have declined steadily from 110.8 in 1910 to 95 in 1911, to 90.5 in 1912, to 82.7 in 1913, to 78 in 1914, to 68.6 in 1915, to 63.3 in 1916, — a drop of 42.9 per cent. in seven years. This decline is due largely to the successful campaigns waged against infant mortality.

The fatal cases of *diphtheria and croup** — which are classed together in the statistics, but practically all of which are of diphtheria — numbered 629, or 16.7 per 100,000 population in 1916, as compared with 19.5 in 1915, 17.9 in 1914, 17.6 in 1913, 13.5 in 1912, 16.4 in 1911, and 20.1 in 1910.

The mortality from *typhoid fever** has shown a remarkable decline since 1910, having dropped from 12.2 in that year to 4.6 in 1916, the decrease amounting to 62.3 per cent. in the seven-year period. This decline is greater, relatively, than that shown for any other important cause of death. The total number of deaths due to typhoid fever* in 1916 was 172, as compared with 246 in 1915, 268 in 1914, 280 in 1913, 269 in 1912, 302 in 1911, and 411 in 1910. This showing is a striking example of the efficacy of preventive measures and improved methods of sanitation.

The principal epidemic maladies of childhood — *whooping cough**, *measles**, and *scarlet fever** — were together responsible for 865 deaths of both adults and children, or 23 per 100,000 population in 1916, the rates for the three diseases separately being 9.2, 3.4, and 10.4, respectively. The mortality rates for all three of these diseases fluctuated greatly from year to year.

Deaths from *violence* have fluctuated considerably, although the general tendency has been upward, the rates per 100,000 population being 83.6 in 1910, 99.2 in 1911, 88.2 in 1912, 90.1 in 1913, 84.3 in 1914, 86.8 in 1915, and 90.1 in 1916.

Deaths due to *railroad accidents and injuries** totaled 284 in 1916, or 7.5 per 100,000 population. This number included fatalities resulting from collisions between railroad trains and vehicles at grade crossings. The rates for previous years were 7.1 in 1915, 6.9 in 1914, 9.5 in 1913, and 10.1 in 1912. No separate data as to deaths from railroad accidents and injuries* for the years prior to 1912 are available.

Deaths resulting from *street car accidents and injuries** numbered

77, or 2 per 100,000 population. No separate data as to deaths from street car accidents and injuries* for the years prior to 1912 are available.

*Automobile accidents and injuries** caused 314 deaths in 1916, or 8.3 per 100,000 population. There has been an increase in this rate from year to year, — 3.8 in 1912, 4.6 in 1913, 5.3 in 1914, and 7.2 in 1915. No accurate data are available for measuring the death rate per number of automobiles in use, as the statistics compiled by the Highway Commission show the number of machines registered, and thus contain duplications, since one machine may be registered more than once in a calendar year. It is probable, however, that the increase has not been so rapid as that of the number of machines in use. No separate data as to deaths from automobile accidents and injuries* for the years prior to 1912 are available.

Deaths caused by *machinery accidents** in 1916 numbered 80, or 2.1 per 100,000 population. The corresponding figures for previous years were 2.3 in 1912, 2.3 in 1913, 1.9 in 1914, and 1.9 in 1915. No separate data as to deaths from machinery accidents* for the years prior to 1912 are available.

The number of *suicides** reported for 1916 was 455, or 12.1 per 100,000 population. The rates since 1910 (13) have been, 1911, 13; 1912, 13.6; 1913, 13.6; 1914, 13.6; and 1915, 13.9.

Deaths caused by *firearms* numbered 197 in 1916, corresponding to a rate of 5.2 per 100,000 population. Of these deaths, 121 were suicides,* 52 were homicides, and 24 were accidental (including those concerning which the status as to suicide, homicide, or accident was in doubt).

Deaths from *homicide** numbered 115 in 1916, or 3 per 100,000 population. The rate for homicides shows an almost steady increase in recent years, — from 2.2 in 1910 to 2.5 in 1911, 2.6 in 1912, 3.1 in 1913, 2.9 in 1914, 3.1 in 1915, and a drop to 3 in 1916.

The causes of death of males and females for each month and at seventeen age periods for the Commonwealth for the full International List of Causes of Death with certain subdivisions are shown in Table 61, on pages 164 to 193. In Table 62, on pages 194 to 218, the deaths are shown for 48 causes and groups of causes for each municipality. For the Commonwealth as a whole the deaths and death rates for the six years 1911 to 1916 are shown for the 38 causes and groups of causes in the Abridged International

List in Table 64, on pages 220 and 221. The relation of this list to the Detailed International List is shown in Appendix B, on pages 269 to 273. In addition to the above presentations, certain other tables showing the causes of deaths are presented on pages 219 to 224.

D. Maternal Mortality.

In 1916 there were 525 women between the ages of 15 and 45 who died from conditions caused by childbirth;* 159 of these died from childbed fever,* a disease proved to be almost entirely preventable; and the remaining 366 died from diseases* now known to be to a great extent preventable or curable by modern scientific care. These diseases caused by pregnancy and confinement were responsible for more deaths among women 15 to 49 years of age than any disease except tuberculosis, cancer, and heart diseases.* While the death rates for many important preventable diseases have fallen in recent years, no substantial decrease can be found in the death rates for childbirth. On the contrary, not only has the death rate from diseases caused by pregnancy and childbirth been increasing (from 9.6 in 1901 to 13.9 in 1916), but the proportion of deaths from these causes to the total number of deaths has increased (from .6 per cent. in 1901 to .9 per cent. in 1916).

The importance of the problem of maternal mortality has been admirably stated by Dr. Grace L. Meigs, of the United States Children's Bureau:¹

Each death at childbirth is a serious loss to the country. The women who die from this cause are lost at the time of their greatest usefulness to the State and to their families; and they give their lives in carrying out a function which must be regarded as the most important in the world.

A more accurate death rate from these diseases is that based on the group which alone is affected by these diseases, — women of child-bearing age. In 1915 the rate per 100,000 women 15 to 44 years of age from all diseases of pregnancy and confinement was 97.4, as compared with 74.8 in 1901; from puerperal infection the death rate was 22.3 in 1915, as compared with 15.6 in 1901.

In 1916 there were, among women 15 to 49 years of age, 1,592 deaths from tuberculosis (all forms); 603 deaths from cancer and other malignant tumors; 656 deaths from organic diseases of the

¹ Maternal Mortality from All Conditions connected with Childbirth, United States Children's Bureau, Publication No. 19, 1916, page 9.

heart;* 525 deaths from the diseases of pregnancy and confinement;* 440 from acute nephritis and Bright's disease;* 413 from pneumonia; 191 from cerebral hemorrhage;* 180 from violent deaths (suicide excepted); 148 from noncancerous tumors and other diseases of the female genital organs. Other diseases show far fewer deaths.

The death rate per 10,000 births (living and dead) gives a far clearer picture of the actual risk of childbirth than do any of the aforementioned rates. The death rate, calculated on this basis, for all diseases caused by pregnancy and confinement, increased from 37 in 1901 to 54 in 1916. The death rate per 10,000 live births increased from 38 in 1901 to 56 in 1916. In other words, for every 184 babies born one mother lost her life, and for every 178 babies born alive one mother lost her life. The corresponding proportions for 1910 were 223 and 215. The death rate for Massachusetts was much more favorable than that for the United States (provisional birth registration area, 1910). For the birth registration area of the United States in 1915 the death rate per 1,000 live births was 6, and for 166 babies born alive one mother lost her life.

The most accurate method of all for calculating the death rates from diseases caused by pregnancy and confinement is the number of deaths per 10,000 confinements, including stillbirths and making the proper deductions for plural births, or, in other words, the number of deaths per 10,000 women at risk. The death rates calculated on this basis show, with slight fluctuations, a general increase from 37 in 1901 to 55 in 1916. The increase in the annual average death rates, calculated on three-year and five-year average, is shown in the following tabular statement:—

YEARS.	Annual average death rate from diseases of pregnancy and confinement per 10,000 confinements calculated on a three-year average.	YEARS.	Annual average death rate from diseases of pregnancy and confinement per 10,000 confinements calculated on a five-year average.
1901-03,	38	1901-05,	40
1904-06,	42	1906-10,	44
1907-09,	45	1911-15,	51
1910-12,	49	1916,	55
1913-15,	51		

E. Deaths investigated by Medical Examiners.

Source of Data. — The statistics of deaths investigated by medical examiners are based upon original data obtained by the registration of deaths following injury or violence. The registration of such deaths is accomplished by the use of a blank or schedule known as a death certificate, which corresponds to the standard certificate of death.

Medical examiners are often called upon to view cases in which the death was not due to violence, such as heart disease, apoplexy, etc., but where the death was simply sudden or where no physician had been in recent attendance. Such action is not required by the law, and may be caused by the fact that the person who notified the examiner did not understand the duties of medical examiners, or in order that a certificate for burial might be obtained.

Discrepancies often occur in the statistics of causes of death based upon the returns to the registrars and those based upon the returns of the medical examiners, especially as to deaths from homicide and suicide. It is fair to assume that the returns of the medical examiners are the more accurate, because the question of homicide, suicide, or accident is often not determined until after the certificate for burial purposes has been furnished to the registrar.

Number of Deaths. — The number of deaths investigated by the medical examiners in 1916 was 7,028, or 12.5 per cent. of the total number of deaths which occurred during the year, as compared with 6,516 deaths in 1915, or 12 per cent. of the total number of deaths.¹ About two-thirds (67.3 per cent.) of these deaths were of males. Of the deaths investigated by medical examiners, 3,085, or 44.0 per cent., were reported as due to violence, while among the deaths returned to the registrars 3,402 were reported as due to violence.

The largest number of cases investigated by medical examiners in 1916 was in Suffolk County, 2,280, as compared with 1,960 in 1915. Of the deaths investigated in Suffolk County, 999, or 43.8 per cent., were reported as due to violence. (See Table 70, pages 226 and 227.)

Autopsies. — Autopsies were made in 791, or 11.3 per cent., of the cases investigated by the medical examiners in 1916, as com-

¹ There were 3,300 stillbirths registered in 1916 and 3,161 in 1915. The number of stillbirths viewed by medical examiners was 104 in 1916 and 122 in 1915.

pared with 9.7 per cent. in 1915, 7.6 per cent. in 1914, 13.9 per cent. in 1913, and 11.9 per cent. in 1912.

The highest proportion of autopsies was in Suffolk County, where 21.2 per cent. of the views were autopsied, as compared with 18.1 per cent. in 1915. Table 72, on pages 236 and 237, shows the number of views and the number of autopsies in each county in each year from 1907 to 1916, and the number and per cent. of views autopsied for the ten-year period 1907 to 1916.

Cause of Death. — Nearly one-half (49 per cent.) of the deaths viewed by the medical examiners in 1916 were due to natural causes. Fifty-three per cent. of the deaths were from causes not due to violence, 44 per cent. were due to violence, and 3 per cent. were from unknown or ill-defined causes.

Deaths from causes not due to violence numbered 3,736, of which 3,434 were from natural causes and 302 were due to alcoholism.

Deaths due to violence numbered 3,085, of which 2,467 were due to accident or negligence, 468 were suicides, and 150 were homicides.

Of the 2,467 deaths due to accident or negligence, 447 were due to falls and blows, 318 resulted from drowning, 299 were due to railroad accidents, and 298 were due to automobile accidents.

The increase in the number of deaths due to automobile accidents in 1916 over previous years is shown in the following table: —

YEARS.	Deaths from automobile accidents.	YEARS.	Deaths from automobile accidents.
1909,	39	1913,	152
1910,	66	1914,	166
1911,	97	1915,	260
1912,	129	1916,	298

Suicides numbered 468, or 15.2 per cent. of the deaths due to violence. Suicides committed with firearms (129) and by the use of illuminating and other gases (110) constituted over one-half (51.1 per cent.) of the total number. Other methods were: by poisons (55), by hanging or strangulation (68), and by drowning (49). Nearly three-fourths (73.9 per cent.) of the suicides were males.

One hundred of the 468 persons committing suicide were 30 to 39 years of age, 93 were 50 to 59 years of age, 87 were between 40 and 50 years of age, 67 were 20 to 29 years of age, 101 were over

60 years of age, 14 were under 20 years of age, and 6 were of unknown ages. Among the male suicides the largest numbers were from 30 to 39 years of age (76) and from 50 to 59 years (73), while among the female suicides the largest numbers were from 40 to 49 years of age (31) and from 30 to 39 years (24). Among the males the most common method of committing suicide was by the use of firearms (115, or 33.2 per cent.), while among the females the most common method was by illuminating or other gases (39, or 32 per cent.).

Homicides numbered 150, of which 46 were by firearms, 23 were by falls or blows, 30 were cases of abortion, 14 were cases of infanticide. Of the 150 homicides, 77, or 51.3 per cent., were of males.

STATISTICAL TABLES.

A. GENERAL MORTALITY.

Table 33	DEATHS ² BY SEX AND NATIVITY; POPULATION; AND DEATH RATES IN EACH COUNTY AND MUNICIPALITY: 1916.									
	COUNTIES AND MUNICIPALITIES. ¹	Total num- ber.	SEX.			NATIVITY.			DEATH RATE ³ PER 1,000 POPULATION.	
			Male.	Fe- male.	Un- known.	Native.	For- eign born.	Un- known.	In- clud- ing non- resi- dents.	Ex- clud- ing non- resi- dents.
	The State.	56,366	29,536	26,823	7	37,382	18,519	465	14.9	-
	Barnstable County, . . .	463	228	235	-	388	72	3	15.9	-
	Berkshire County, . . .	1,503	808	695	-	1,080	407	16	12.8	-
	Bristol County, . . .	5,863	3,043	2,820	-	3,812	2,021	30	16.6	-
	Dukes County, . . .	87	54	33	-	69	14	4	17.4	-
	Essex County, . . .	6,705	3,330	3,370	5	4,651	2,012	42	14.3	-
	Franklin County, . . .	686	365	320	1	549	127	10	13.9	-
	Hampden County, . . .	4,247	2,260	1,987	-	2,985	1,225	37	15.7	-
	Hampshire County, . . .	1,049	564	485	-	736	307	6	14.8	-
	Middlesex County, . . .	10,533	5,398	5,134	1	6,688	3,782	63	14.0	-
	Nantucket County, . . .	63	35	28	-	56	7	-	19.6	-
	Norfolk County, . . .	2,407	1,237	1,170	-	1,696	683	28	11.5	-
	Plymouth County, . . .	2,257	1,260	997	-	1,642	592	23	14.1	-
	Suffolk County, . . .	13,764	7,469	6,295	-	8,494	5,116	154	16.3	-
	Worcester County, . . .	6,739	3,485	3,254	-	4,536	2,154	49	15.4	-
	MUNICIPALITIES.									
	Abington, . . .	57	29	28	-	44	13	-	10.0	-
	Acton, . . .	22	7	15	-	19	3	-	10.2	-
	Acushnet, . . .	39	20	19	-	29	10	-	15.2	-
	Adams, . . .	152	81	71	-	78	71	3	11.5	-
	Agawam, . . .	52	27	25	-	39	12	1	10.8	-
	Alford, . . .	2	1	1	-	2	-	-	7.4	-
	Amesbury, . . .	133	66	70	-	92	43	1	15.9	-
	Amherst, . . .	72	38	34	-	62	9	1	12.7	-
	Andover, . . .	103	45	58	-	74	29	-	12.6	-
	Arlington, . . .	177	85	92	-	117	59	1	11.2	-
	Ashburnham, . . .	32	13	19	-	24	8	-	15.5	-
	Ashby, . . .	12	10	2	-	9	3	-	12.9	-
	Ashfield, . . .	15	8	7	-	15	-	-	15.0	-
	Ashland, . . .	28	15	13	-	22	6	-	13.4	-
	Athol, . . .	138	67	71	-	115	20	3	13.7	-
	ATTLEBORO, . . .	4 253	133	120	-	174	77	2	13.3	12.5
	Auburn, . . .	32	16	16	-	17	14	1	9.1	-
	Avon, . . .	29	16	13	-	19	10	-	13.2	-
	Ayer, . . .	44	25	19	-	32	10	2	15.8	-
	Barnstable, . . .	79	39	40	-	68	11	-	15.6	-
	Barre, . . .	49	28	21	-	34	14	1	13.6	-
	Becket, . . .	16	9	7	-	13	2	1	16.4	-
	Bedford, . . .	11	6	5	-	10	1	-	7.9	-
	Belchertown, . . .	30	15	15	-	22	7	1	14.5	-
	Bellingham, . . .	22	12	10	-	14	8	-	10.9	-

¹ Cities are printed in small capitals.² Exclusive of stillbirths.³ The rates shown in this column are "crude rates," based on the total population, and make no allowance for differences in the sex and age distribution of the population. The rates for certain localities are materially affected by deaths of nonresidents who may be attracted to those localities by their superior hospital facilities, or who may resort to certain localities for treatment of tuberculosis, mental defects, or other diseases. In those localities in which deaths of nonresidents occurred, the death rates excluding nonresidents is shown; but it should be borne in mind that even these rates are not accurate, as it has not been possible to deduct from the population of those localities the number of nonresidents included in the total population. Inferences in regard to the relative healthfulness of different localities, therefore, should not be drawn without more thorough investigation.⁴ Fifteen nonresidents.

Table 33

DEATHS² BY SEX AND NATIVITY; POPULATION; AND DEATH RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total num- ber.	SEX.			NATIVITY.			DEATH RATE ³ PER 1,000 POPULATION.	
		Male.	Fe- male.	Un- known.	Native.	For- eign born.	Un- known.	In- clud- ing non- resi- dents.	Ex- clud- ing non- resi- dents.
Belmont,	103	53	50	-	77	26	-	11.9	-
Berkley,	23	7	16	-	21	2	-	23.4	-
Berlin,	18	6	12	-	16	1	1	20.8	-
Bernardston,	11	6	5	-	10	1	-	13.7	-
BEVERLY,	⁴ 287	143	143	1	223	62	2	11.9	10.7
BillERICA,	45	25	20	-	31	13	1	13.4	-
Blackstone,	76	51	25	-	47	29	-	13.3	-
Blandford,	4	3	1	-	3	1	-	6.4	-
Bolton,	7	4	3	-	4	3	-	9.2	-
Boston,	⁵ 12,776	6,877	5,899	-	7,870	4,760	146	16.8	14.3
Bourne,	37	20	17	-	34	3	-	13.6	-
Boxborough,	5	-	5	-	4	1	-	15.2	-
Boxford,	10	3	7	-	8	2	-	14.0	-
Boylston,	9	6	3	-	6	3	-	12.6	-
Braintree,	87	55	32	-	71	16	-	9.0	-
Brewster,	12	5	7	-	8	4	-	14.6	-
Bridgewater,	⁶ 248	203	45	-	108	138	2	25.3	7.9
Brimfield,	14	7	7	-	13	1	-	14.7	-
BROCKTON,	⁷ 785	427	358	-	575	201	9	12.3	11.7
Brookfield,	31	9	22	-	23	7	1	13.8	-
Brookline,	352	157	195	-	275	71	6	10.1	-
Buckland,	31	18	13	-	20	11	-	19.8	-
Burlington,	8	3	5	-	4	4	-	10.1	-
CAMBRIDGE,	⁸ 1,527	746	781	-	919	598	10	13.9	12.0
Campton,	63	33	30	-	39	24	-	10.8	-
Carlisle,	9	3	6	-	9	-	-	18.4	-
Carver,	17	8	9	-	16	1	-	9.9	-
Charlemont,	17	8	9	-	15	2	-	17.4	-
Charlton,	38	22	16	-	31	7	-	16.8	-
Chatham,	33	14	19	-	32	1	-	19.5	-
Chelmsford,	53	25	28	-	43	10	-	10.1	-
CHELSEA,	⁹ 669	430	239	-	430	233	6	14.5	-
Cheshire,	19	14	5	-	15	4	-	12.3	-
Chester,	13	7	6	-	11	2	-	9.7	-
Chesterfield,	17	9	8	-	12	5	-	30.1	-
CHICOPEE,	¹⁰ 442	237	205	-	306	135	1	14.1	13.8
Chilmark,	5	5	-	-	5	-	-	17.2	-
Clarksburg,	19	7	12	-	14	5	-	17.1	-
Clinton,	185	95	90	-	119	65	1	14.0	-
Cohasset,	26	12	14	-	20	6	-	9.1	-
Colrain,	22	15	7	-	17	4	1	11.9	-
Concord,	73	35	38	-	57	16	-	10.8	-
Conway,	11	6	5	-	11	-	-	9.0	-
Cummington,	12	6	6	-	9	2	1	18.0	-
Dalton,	41	16	25	-	32	9	-	10.4	-
Dana,	9	3	6	-	6	3	-	12.6	-
Danvers,	¹¹ 361	179	182	-	245	112	4	31.1	9.6
Dartmouth,	88	49	39	-	65	23	-	15.8	-
Dedham,	133	74	59	-	96	35	2	11.6	-
Deerfield,	31	18	13	-	25	5	1	10.8	-

¹ Cities are printed in small capitals.² Exclusive of stillbirths.³ See footnote 3 on page 110.⁴ Thirty nonresidents.⁵ One thousand nine hundred thirty-four nonresidents.⁶ One hundred seventy-one nonresidents.⁷ Forty-one nonresidents.⁸ Two hundred eleven nonresidents.⁹ Two hundred thirteen nonresidents.¹⁰ Nine nonresidents.¹¹ Two hundred forty-nine nonresidents.

Table 33

DEATHS² BY SEX AND NATIVITY; POPULATION; AND DEATH RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total num- ber.	SEX.			NATIVITY.			DEATH RATE ³ PER 1,000 POPULATION.	
		Male.	Fe- male.	Un- known.	Native.	For- eign born.	Un- known.	In- clud- ing non- resi- dents.	Ex- clud- ing non- resi- dents.
Dennis,	39	14	25	—	37	2	—	21.4	—
Dighton,	35	19	16	—	26	9	—	13.6	—
Douglas,	44	22	22	—	29	15	—	20.1	—
Dover,	8	6	2	—	6	2	—	7.6	—
Dracut,	65	38	27	—	47	17	1	15.6	—
Dudley,	54	30	24	—	34	19	1	12.3	—
Dunstable,	6	2	4	—	6	—	—	16.6	—
Duxbury,	25	11	14	—	21	4	—	12.6	—
East Bridgewater,	51	26	25	—	40	9	2	13.5	—
East Longmeadow,	24	14	10	—	19	5	—	11.8	—
Eastham,	7	3	4	—	7	—	—	12.7	—
Easthampton,	118	67	51	—	91	27	—	12.0	—
Easton,	62	28	34	—	52	10	—	12.2	—
Edgartown,	19	11	8	—	18	—	1	14.6	—
Egremont,	9	6	3	—	8	1	—	15.0	—
Enfield,	16	8	8	—	14	2	—	19.9	—
Erving,	15	11	4	—	12	2	1	12.8	—
Essex,	30	14	16	—	25	4	1	17.7	—
EVERETT,	4 395	205	190	—	240	152	3	10.2	9.5
Fairhaven,	92	43	49	—	70	22	—	14.0	—
FALL RIVER,	5 2,183	1,152	1,031	—	1,317	861	5	17.3	17.0
Falmouth,	55	38	17	—	46	9	—	13.4	—
FITCHBURG,	6 539	271	268	—	346	191	2	13.4	—
Florida,	3	3	—	—	2	1	—	6.9	—
Foxborough,	7 87	57	30	—	55	31	1	23.2	11.5
Framingham,	273	141	132	—	180	92	1	16.5	—
Franklin,	72	37	35	—	44	27	1	10.8	—
Freetown,	23	13	10	—	18	5	—	13.4	—
Gardner,	8 220	119	101	—	161	56	3	13.1	—
Gay Head,	5	4	1	—	4	1	—	28.1	—
Georgetown,	20	9	11	—	19	1	—	9.6	—
Gill,	7	5	2	—	6	1	—	7.3	—
GLOUCESTER,	9 379	187	191	1	261	116	2	15.5	14.8
Goshen,	3	2	1	—	2	—	1	10.3	—
Gosnold,	4	3	1	—	—	3	1	25.6	—
Grafton,	10 187	80	77	—	102	54	1	24.6	—
Granby,	9	6	3	—	9	—	—	10.7	—
Granville,	7	1	6	—	7	—	—	8.9	—
Great Barrington,	79	47	32	—	64	13	2	11.6	—
Greenfield,	169	90	79	—	131	35	3	12.8	—
Greenwich,	11	7	4	—	9	2	—	25.8	—
Groton,	39	23	16	—	31	8	—	16.4	—
Groveland,	45	27	18	—	36	7	2	18.7	—
Hadley,	34	17	17	—	20	14	—	12.0	—
Halifax,	10	8	2	—	9	—	1	15.2	—
Hamilton,	21	11	10	—	18	3	—	11.0	—
Hampden,	7	4	3	—	4	3	—	10.4	—
Hancock,	6	3	3	—	6	—	—	11.4	—
Hanover,	27	14	13	—	22	4	1	9.8	—
Hanson,	25	13	12	—	21	3	1	13.9	—

¹ Cities are printed in small capitals.² Exclusive of stillbirths.³ See footnote 3 on page 110.⁴ Twenty-seven nonresidents.⁵ Thirty-four nonresidents.⁶ Thirty-nine nonresidents.⁷ Forty-four nonresidents.⁸ Twenty-three nonresidents.⁹ Seventeen nonresidents.¹⁰ Eighty-nine nonresidents.

Table 33

DEATHS² BY SEX AND NATIVITY; POPULATION; AND DEATH RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total num- ber.	SEX.			NATIVITY.			DEATH RATE ³ PER 1,000 POPULATION.	
		Male.	Fe- male.	Un- known.	Native.	For- eign born.	Un- known.	In- clud- ing non- resi- dents.	Ex- clud- ing non- resi- dents.
Hardwick,	35	22	13	-	22	13	-	9.7	-
Harvard,	8	4	4	-	8	-	-	7.1	-
Harwich,	43	15	28	-	39	4	-	19.6	-
Hatfield,	31	21	10	-	27	4	-	11.1	-
HAVERHILL,	⁴ 720	376	343	1	533	183	4	14.2	13.4
Hawley,	9	7	2	-	7	2	-	21.0	-
Heath,	5	3	2	-	5	-	-	12.8	-
Hingham,	59	23	36	-	48	11	-	11.1	-
Hinsdale,	18	14	4	-	12	5	1	13.9	-
Holbrook,	46	26	20	-	38	6	2	15.4	-
Holden,	34	17	17	-	29	4	1	13.0	-
Holland,	6	5	1	-	5	1	-	36.8	-
Holliston,	53	27	26	-	38	13	2	18.9	-
HOLYOKE,	⁵ 1,081	573	508	-	681	388	12	17.6	14.4
Hopedale,	23	14	9	-	21	2	-	8.3	-
Hopkinton,	29	19	10	-	23	6	-	11.7	-
Hubbardston,	15	7	8	-	12	3	-	13.8	-
Hudson,	77	42	35	-	53	24	-	11.4	-
Hull,	34	16	18	-	27	7	-	14.6	-
Huntington,	18	12	6	-	14	4	-	12.6	-
Ipswich,	84	38	46	-	62	22	-	13.1	-
Kingston,	36	22	14	-	30	6	-	13.8	-
Lakeville,	⁶ 116	75	41	-	58	58	-	73.5	-
Lancaster,	26	13	13	-	19	7	-	9.9	-
Lanesborough,	10	5	5	-	6	3	1	8.9	-
LAWRENCE,	⁷ 1,338	660	678	-	770	560	8	14.6	13.9
Lee,	49	24	25	-	40	9	-	10.7	-
Leicester,	40	12	28	-	30	10	-	12.0	-
Lenox,	31	18	13	-	20	11	-	9.4	-
LEOMINSTER,	⁸ 233	118	115	-	174	58	1	13.2	-
Leverett,	12	5	7	-	12	-	-	15.2	-
Lexington,	82	36	46	-	54	28	-	14.4	-
Leyden,	1	-	1	-	1	-	-	2.9	-
Lincoln,	10	5	5	-	9	1	-	7.4	-
Littleton,	21	13	8	-	16	5	-	-	-
Longmeadow,	19	6	13	-	16	3	-	9.7	-
LOWELL,	⁹ 1,964	1,003	961	-	1,225	723	16	18.1	17.5
Ludlow,	114	63	51	-	85	29	-	17.3	-
Lunenburg,	33	16	17	-	29	4	-	19.8	-
LYNN,	¹⁰ 1,256	629	627	-	875	374	7	12.9	12.0
Lynnfield,	19	10	9	-	14	5	-	16.3	-
MALDEN,	¹¹ 581	289	292	-	358	220	3	11.6	10.6
Manchester,	24	11	13	-	20	4	-	8.0	-
Mansfield,	71	35	36	-	53	18	-	12.0	-
Marblehead,	111	57	54	-	99	12	-	14.5	-
Marion,	31	10	21	-	29	2	-	20.7	-
MARLBOROUGH,	¹² 207	116	91	-	135	72	-	13.4	12.2
Marshfield,	40	21	19	-	33	7	-	23.2	-
Mashpee,	1	-	1	-	1	-	-	3.8	-
Mattapoisett,	19	11	8	-	16	2	1	13.7	-

¹ Cities are printed in small capitals.² Exclusive of stillbirths.³ See footnote 3 on page 110.⁴ Forty nonresidents.⁵ One hundred ninety-five nonresidents.⁶ One hundred four nonresidents.⁷ Seventy-one nonresidents.⁸ Ten nonresidents.⁹ Forty-six nonresidents.¹⁰ Eighty-two nonresidents.¹¹ Fifty-two nonresidents.¹² Nineteen nonresidents.

Table 33

DEATHS² BY SEX AND NATIVITY; POPULATION; AND DEATH RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total num- ber.	SEX.			NATIVITY.			DEATH RATE ³ PER 1,000 POPULATION.	
		Male.	Fe- male.	Un- known.	Native.	For- eign born.	Un- known.	In- clud- ing non- resi- dents.	Ex- clud- ing non- resi- dents.
Maynard,	67	34	33	—	45	22	—	9.8	—
Medfield,	⁴ 131	58	73	—	67	59	5	35.5	6.8
MEDFORD,	⁵ 354	167	187	—	253	99	2	10.9	10.0
Medway,	40	21	19	—	28	12	—	13.9	—
MELROSE,	⁶ 224	110	113	1	169	54	1	13.1	11.1
Mendon,	17	7	10	—	14	3	—	18.0	—
Merrimac,	31	13	18	—	30	1	—	14.8	—
Methuen,	213	105	108	—	135	77	1	14.5	—
Middleborough,	89	49	40	—	73	15	1	10.2	—
Middlefield,	4	1	3	—	4	—	—	12.3	—
Middleton,	14	5	9	—	12	2	—	10.3	—
Milford,	190	100	90	—	130	59	1	13.7	—
Millbury,	66	36	30	—	49	17	—	12.0	—
Millis,	10	6	4	—	5	5	—	6.9	—
Millville,	29	15	14	—	15	14	—	—	—
Milton,	84	35	49	—	55	27	2	9.6	—
Monroe,	3	3	—	—	1	1	1	9.8	—
Monson,	⁷ 115	66	49	—	94	21	—	22.7	9.7
Montague,	145	72	73	—	96	47	2	17.7	—
Monterey,	4	3	1	—	4	—	—	11.2	—
Montgomery,	—	—	—	—	—	—	—	—	—
Mount Washington,	—	—	—	—	—	—	—	—	—
Nahant,	15	4	11	—	10	5	—	10.4	—
Nantucket,	63	35	28	—	56	7	—	19.6	—
Natick,	132	64	68	—	89	42	1	11.5	—
Needham,	65	31	34	—	44	21	—	9.4	—
New Ashford,	—	—	—	—	—	—	—	—	—
NEW BEDFORD,	⁸ 1,813	945	868	—	1,157	644	12	16.1	15.6
New Braintree,	5	3	2	—	3	2	—	11.0	—
New Marlborough,	19	11	8	—	14	5	—	18.4	—
New Salem,	14	8	6	—	13	1	—	22.4	—
Newbury,	18	9	9	—	18	—	—	11.1	—
NEWBURYPORT,	⁹ 237	114	123	—	193	44	—	15.4	13.6
NEWTON,	¹⁰ 470	222	248	—	348	121	1	10.7	9.2
Norfolk,	24	18	6	—	16	7	1	17.8	—
NORTH ADAMS,	¹¹ 310	166	144	—	214	93	3	14.1	11.8
North Andover,	67	30	37	—	43	24	—	11.0	—
North Attleborough,	110	42	68	—	69	41	—	11.7	—
North Brookfield,	50	29	21	—	38	11	1	17.0	—
North Reading,	¹² 68	34	34	—	36	32	—	50.3	9.6
NORTHAMPTON,	¹³ 433	232	201	—	268	163	2	19.5	11.4
Northborough,	22	9	13	—	16	5	1	12.1	—
Northbridge,	122	62	60	—	82	40	—	13.0	—
Northfield,	24	9	15	—	22	2	—	13.2	—
Norton,	31	16	15	—	24	7	—	11.9	—
Norwell,	19	13	6	—	19	—	—	11.9	—
Norwood,	123	63	60	—	92	31	—	10.5	—
Oak Bluffs,	17	9	8	—	10	6	1	13.2	—
Oakham,	8	6	2	—	8	—	—	15.2	—
Orange,	71	37	34	—	61	10	—	13.1	—

¹ Cities are printed in small capitals.² Exclusive of stillbirths.³ See footnote 3 on page 110.⁴ One hundred six nonresidents.⁵ Twenty-nine nonresidents.⁶ Thirty-three nonresidents.⁷ Sixty-six nonresidents.⁸ Fifty-six nonresidents.⁹ Twenty-eight nonresidents.¹⁰ Sixty-seven nonresidents.¹¹ Fifty-one nonresidents.¹² Fifty-five nonresidents.¹³ One hundred eighty nonresidents.

Table 33

DEATHS² BY SEX AND NATIVITY; POPULATION; AND DEATH RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total num- ber.	SEX.			NATIVITY.			DEATH RATE ³ PER 1,000 POPULATION.	
		Male.	Fe- male.	Un- known.	Native.	For- eign born.	Un- known.	In- cluding non- resi- dents.	Ex- cluding non- resi- dents.
Orleans,	19	10	9	-	17	1	1	16.0	-
Otis,	9	5	4	-	9	-	-	20.4	-
Oxford,	57	30	27	-	47	10	-	16.3	-
Palmer,	120	68	52	-	89	31	-	12.4	-
Paxton,	2	-	2	-	2	-	-	4.1	-
Peabody,	245	121	124	-	172	70	3	12.7	-
Pelham,	6	2	4	-	5	1	-	12.0	-
Pembroke,	28	15	13	-	26	2	-	20.9	-
Pepperell,	59	32	27	-	41	18	-	20.8	-
Peru,	6	5	1	-	4	2	-	30.8	-
Petersham,	10	4	6	-	9	1	-	13.8	-
Phillipston,	6	2	4	-	6	-	-	15.4	-
PITTSFIELD,	⁴ 550	292	258	-	395	150	5	13.3	11.0
Plainfield,	8	5	3	-	8	-	-	21.3	-
Plainville,	15	8	7	-	13	2	-	10.6	-
Plymouth,	179	90	89	-	138	38	3	13.6	-
Plympton,	11	7	4	-	8	3	-	18.1	-
Prescott,	3	-	3	-	3	-	-	10.6	-
Princeton,	8	4	4	-	5	2	1	10.0	-
Provincetown,	65	36	29	-	37	26	2	15.1	-
QUINCY,	⁵ 446	248	198	-	296	146	4	10.4	-
Randolph,	67	38	29	-	49	17	1	13.8	-
Raynham,	33	16	17	-	30	3	-	18.0	-
Reading,	83	38	45	-	58	25	-	11.8	-
Rehoboth,	38	18	20	-	32	4	2	16.6	-
REVERE,	⁶ 189	99	90	-	103	84	2	7.0	-
Richmond,	3	3	-	-	2	1	-	5.3	-
Rochester,	15	8	7	-	13	2	-	12.7	-
Rockland,	90	39	51	-	64	26	-	12.7	-
Rockport,	56	22	34	-	42	14	-	12.8	-
Rowe,	2	1	1	-	2	-	-	9.4	-
Rowley,	24	17	7	-	23	1	-	15.9	-
Royalston,	14	8	6	-	11	3	-	15.9	-
Russell,	11	9	2	-	10	1	-	9.7	-
Rutland,	⁷ 68	46	22	-	45	23	-	35.5	-
SALEM,	⁸ 588	306	280	2	401	183	4	15.8	14.2
Salisbury,	26	17	9	-	21	4	1	15.0	-
Sandisfield,	12	7	5	-	10	2	-	21.3	-
Sandwich,	19	6	13	-	15	4	-	12.7	-
Saugus,	101	47	54	-	67	32	2	9.4	-
Savoy,	10	5	5	-	9	1	-	18.9	-
Scituate,	43	25	18	-	34	7	2	15.9	-
Seekonk,	40	24	16	-	34	5	1	14.0	-
Sharon,	27	10	17	-	18	9	-	10.8	-
Sheffield,	25	11	14	-	20	5	-	13.3	-
Shelburne,	26	13	13	-	25	1	-	17.5	-
Sherborn,	13	6	7	-	9	4	-	7.4	-
Shirley,	22	13	9	-	17	4	1	9.7	-
Shrewsbury,	40	17	23	-	34	6	-	13.3	-
Shutesbury,	3	1	2	-	3	-	-	10.3	-

¹ Cities are printed in small capitals.² Exclusive of stillbirths.³ See footnote 3 on page 110.⁴ Ninety-five nonresidents.⁵ Thirty-two nonresidents.⁶ Eight nonresidents.⁷ Fifty-three nonresidents.⁸ Sixty nonresidents.

Table 33

DEATHS² BY SEX AND NATIVITY; POPULATION; AND DEATH RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total num- ber.	SEX.			NATIVITY.			DEATH RATE ³ PER 1,000 POPULATION.	
		Male.	Fe- male.	Un- known.	Native.	For- eign born.	Un- known.	In- clud- ing non- resi- dents.	Ex- clud- ing non- resi- dents.
Somerset,	56	25	31	—	40	16	—	15.9	—
SOMERVILLE,	⁴ 1,080	489	591	—	677	403	—	12.1	11.3
South Hadley,	55	31	24	—	39	16	—	10.5	—
Southampton,	15	10	5	—	10	5	—	15.5	—
Southborough,	23	10	13	—	17	6	—	11.9	—
Southbridge,	157	78	79	—	95	62	—	10.7	—
Southwick,	11	5	6	—	8	2	1	7.6	—
Spencer,	76	39	37	—	48	28	—	12.7	—
SPRINGFIELD,	⁵ 1,742	921	821	—	1,243	480	19	16.4	13.9
Sterling,	18	8	10	—	16	2	—	12.8	—
Stockbridge,	20	13	7	—	17	3	—	10.5	—
Stoneham,	99	48	51	—	71	28	—	13.0	—
Stoughton,	90	43	47	—	65	25	—	12.6	—
Stow,	13	7	6	—	10	3	—	11.5	—
Sturbridge,	33	23	15	—	29	9	—	23.5	—
Sudbury,	19	9	10	—	16	3	—	15.5	—
Sunderland,	13	6	6	1	11	1	1	10.2	—
Sutton,	31	15	16	—	21	10	—	11.0	—
Swampscott,	75	32	43	—	68	7	—	9.8	—
Swansea,	35	19	16	—	26	9	—	12.9	—
TAUNTON,	⁶ 790	410	380	—	533	244	8	21.6	16.2
Templeton,	⁷ 44	27	17	—	40	4	—	10.6	—
Tewksbury,	33	18	15	—	21	10	2	5.8	—
State Infirmary,	723	536	187	—	260	456	7	133.9	—
Tisbury,	33	21	12	—	28	4	1	21.3	—
Tolland,	5	1	4	—	4	1	—	24.5	—
Topsfield,	14	4	10	—	9	5	—	11.9	—
Townsend,	17	9	8	—	13	4	—	9.3	—
Truro,	16	8	8	—	11	5	—	24.1	—
Tyngsborough,	9	6	3	—	7	2	—	9.0	—
Tyringham,	7	2	5	—	7	—	—	21.4	—
Upton,	26	10	16	—	17	8	1	12.8	—
Uxbridge,	62	31	31	—	43	19	—	12.4	—
Wakefield,	148	78	70	—	112	35	1	11.3	—
Wales,	3	—	3	—	3	—	—	8.9	—
Walpole,	48	26	22	—	33	15	—	8.5	—
WALTHAM,	⁸ 354	179	175	—	254	98	2	11.5	—
Ware,	115	52	63	—	74	41	—	12.1	—
Wareham,	79	45	34	—	70	9	—	14.5	—
Warren,	52	27	25	—	41	11	—	12.1	—
Warwick,	5	2	3	—	5	—	—	10.5	—
Washington,	4	3	1	—	4	—	—	14.5	—
Watertown,	190	80	110	—	133	57	—	10.9	—
Wayland,	15	8	7	—	12	3	—	7.4	—
Webster,	149	75	74	—	94	54	1	11.6	—
Wellesley,	53	23	30	—	38	14	1	7.9	—
Wellfleet,	17	8	9	—	17	—	—	18.2	—
Wendell,	6	3	3	—	6	—	—	15.5	—
Wenham,	13	8	5	—	10	3	—	12.0	—
West Boylston,	19	8	11	—	17	2	—	14.3	—
West Bridgewater,	39	14	25	—	29	10	—	13.6	—

¹ Cities are printed in small capitals.² Exclusive of stillbirths.³ See footnote 3 on page 110.⁴ Seventy-two nonresidents.⁵ Two hundred sixty nonresidents.⁶ One hundred ninety-seven nonresidents.⁷ Nine nonresidents.⁸ Seventy-six nonresidents.

Table 33

DEATHS² BY SEX AND NATIVITY; POPULATION; AND DEATH RATES
IN EACH COUNTY AND MUNICIPALITY: 1916.

MUNICIPALITIES. ¹	Total num- ber.	SEX.			NATIVITY.			DEATH RATE ³ PER 1,000 POPULATION.	
		Male.	Fe- male.	Un- known.	Native.	For- eign born.	Un- known.	In- clud- ing non- resi- dents.	Ex- clud- ing non- resi- dents.
West Brookfield, . . .	24	13	11	-	21	3	-	18.6	-
West Newbury, . . .	24	11	13	-	23	1	-	15.6	-
West Springfield, . . .	127	61	66	-	95	31	1	10.7	-
West Stockbridge, . . .	16	6	10	-	14	2	-	12.5	-
West Tisbury, . . .	4	1	3	-	4	-	-	9.0	-
Westborough, . . .	⁴ 217	90	127	-	150	62	5	35.9	-
Westfield, . . .	⁵ 292	160	132	-	215	75	2	15.4	11.8
Westford, . . .	42	22	20	-	29	12	1	14.8	-
Westhampton, . . .	2	-	2	-	2	-	-	4.6	-
Westminster, . . .	16	7	9	-	13	2	1	9.7	-
Weston, . . .	24	10	14	-	21	3	-	10.0	-
Westport, . . .	48	29	19	-	37	11	-	14.3	-
Westwood, . . .	17	7	10	-	15	2	-	11.4	-
Weymouth, . . .	191	98	93	-	145	46	-	13.4	-
Whately, . . .	18	10	8	-	17	1	-	16.1	-
Whitman, . . .	85	38	47	-	71	14	-	11.3	-
Wilbraham, . . .	38	22	16	-	35	3	-	14.8	-
Williamsburg, . . .	31	19	12	-	26	5	-	14.6	-
Williamstown, . . .	51	26	25	-	42	9	-	12.6	-
Wilmington, . . .	28	12	16	-	19	9	-	11.4	-
Winchendon, . . .	92	50	42	-	69	23	-	15.4	-
Winchester, . . .	113	48	65	-	84	28	1	11.1	-
Windsor, . . .	3	2	1	-	3	-	-	8.0	-
Winthrop, . . .	130	63	67	-	91	39	-	9.7	-
Woburn, . . .	⁶ 215	122	93	-	116	96	3	12.9	-
WORCESTER, . . .	⁷ 2,896	1,531	1,365	-	1,833	1,043	20	17.4	-
Worthington, . . .	6	4	2	-	6	-	-	9.5	-
Wrentham, . . .	⁸ 51	19	32	-	40	9	2	19.7	10.1
Yarmouth, . . .	21	12	9	-	19	2	-	14.8	-

¹ Cities are printed in small capitals.² Exclusive of stillbirths.³ See footnote 3 on page 110.⁴ One hundred fifty-nine nonresidents.⁵ Sixty-seven nonresidents.⁶ Sixteen nonresidents.⁷ Four hundred fifty-one nonresidents.⁸ Twenty-five nonresidents.

Line No.	Table 34 COUNTIES AND SEX.	DEATHS ¹ IN EACH COUNTY.											
		All ages.	Under 5 years.	Under 1 year.	1 year.	2 years.	3 years.	4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.
1	The State.	56,366	13,099	9,334	1,962	846	564	393	1,158	633	963	1,533	1,732
2	Males, . . .	29,536	7,300	5,303	1,041	455	291	210	629	347	498	811	923
3	Females, . . .	26,823	5,799	4,031	921	391	273	183	529	286	465	722	809
4	Unknown, . . .	7	-	-	-	-	-	-	-	-	-	-	-
5	BARNSTABLE.	463	53	37	8	4	1	3	4	4	4	9	6
6	Males, . . .	228	29	22	4	1	1	1	2	2	3	8	3
7	Females, . . .	235	24	15	4	3	-	2	2	2	1	1	3
8	BERKSHIRE.	1,503	312	218	41	19	16	18	42	20	20	41	43
9	Males, . . .	808	180	127	22	8	13	10	25	14	13	29	23
10	Females, . . .	695	132	91	19	11	3	8	17	6	7	12	20
11	BRISTOL.	5,863	1,920	1,442	291	102	42	43	112	65	91	138	169
12	Males, . . .	3,043	1,073	825	152	51	25	20	59	33	49	73	85
13	Females, . . .	2,820	847	617	139	51	17	23	53	32	42	65	84
14	DUKES.	87	11	9	2	-	-	-	-	1	2	2	5
15	Males, . . .	54	7	5	2	-	-	-	-	1	-	1	3
16	Females, . . .	33	4	4	-	-	-	-	-	-	2	1	2
17	ESSEX.	6,705	1,505	1,091	190	97	86	41	129	83	105	176	180
18	Males, . . .	3,330	795	599	89	45	37	25	72	49	53	80	76
19	Females, . . .	3,370	710	492	101	52	49	16	57	34	52	96	104
20	Unknown, . . .	5	-	-	-	-	-	-	-	-	-	-	-
21	FRANKLIN.	686	118	92	16	3	5	2	8	7	8	8	20
22	Males, . . .	365	72	58	7	2	4	1	5	5	4	4	11
23	Females, . . .	320	46	34	9	1	1	1	3	2	4	4	9
24	Unknown, . . .	1	-	-	-	-	-	-	-	-	-	-	-
25	HAMPDEN.	4,247	1,334	971	190	71	69	33	104	64	94	132	153
26	Males, . . .	2,260	739	557	89	38	35	20	58	31	51	76	87
27	Females, . . .	1,987	595	414	101	33	34	13	46	33	43	56	66
28	HAMPSHIRE.	1,049	214	152	37	10	8	7	13	15	15	22	33
29	Males, . . .	564	138	96	28	6	5	3	9	7	8	11	16
30	Females, . . .	485	76	56	9	4	3	4	4	8	7	11	17
31	MIDDLESEX.	10,533	2,123	1,506	304	160	81	72	210	98	179	303	333
32	Males, . . .	5,398	1,187	843	168	96	41	39	111	54	80	163	182
33	Females, . . .	5,134	936	663	136	64	40	33	99	44	99	140	151
34	Unknown, . . .	1	-	-	-	-	-	-	-	-	-	-	-
35	NANTUCKET.	63	3	2	1	-	-	-	1	-	1	-	-
36	Males, . . .	35	2	1	1	-	-	-	1	-	1	-	-
37	Females, . . .	28	1	1	-	-	-	-	-	-	-	-	-
38	NORFOLK.	2,407	401	270	58	34	24	15	52	34	50	63	62
39	Males, . . .	1,237	214	148	28	19	10	9	25	20	31	32	38
40	Females, . . .	1,170	187	122	30	15	14	6	27	14	19	31	24
41	PLYMOUTH.	2,257	371	272	54	15	20	10	29	17	35	78	69
42	Males, . . .	1,260	210	153	28	10	12	7	16	10	19	44	42
43	Females, . . .	997	161	119	26	5	8	3	13	7	16	34	27
44	SUFFOLK.	13,764	3,236	2,201	543	234	151	107	323	155	251	369	470
45	Males, . . .	7,469	1,812	1,242	306	128	82	54	172	79	122	207	256
46	Females, . . .	6,295	1,424	959	237	106	69	53	151	76	129	162	214
47	WORCESTER.	6,739	1,498	1,071	227	97	61	42	131	70	108	192	189
48	Males, . . .	3,485	842	627	117	51	26	21	74	42	64	83	101
49	Females, . . .	3,254	656	444	110	46	35	21	57	28	44	109	88

¹ Exclusive of stillbirths.

BY SEX AND AGE: 1916.

Line No.	30 to 34 years.	35 to 39 years.	40 to 44 years.	45 to 49 years.	50 to 54 years.	55 to 59 years.	60 to 64 years.	65 to 69 years.	70 to 74 years.	75 to 79 years.	80 to 84 years.	85 to 89 years.	90 to 94 years.	95 to 99 years.	100 years and over.	Age unknown.
1	1,950	2,382	2,497	2,759	3,128	3,581	3,890	4,188	4,204	3,698	2,653	1,530	584	131	21	52
2	1,052	1,302	1,427	1,520	1,816	2,018	2,054	2,146	2,074	1,638	1,092	624	180	45	9	31
3	898	1,080	1,070	1,239	1,312	1,563	1,836	2,042	2,130	2,060	1,561	906	404	86	12	14
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
5	9	8	12	11	17	28	38	52	54	53	57	28	12	3	-	1
6	5	3	6	2	9	16	23	24	30	23	23	11	5	-	-	1
7	4	5	6	9	8	12	15	28	24	30	34	17	7	3	-	-
8	40	66	58	74	77	96	100	118	122	119	78	49	19	4	4	1
9	26	34	38	36	39	52	63	56	60	59	35	20	5	-	-	1
10	14	32	20	38	38	44	37	62	62	60	43	29	14	4	4	-
11	179	216	212	235	310	356	355	383	375	319	236	128	40	15	3	6
12	98	121	122	114	173	184	170	189	183	144	97	48	10	10	2	6
13	81	95	90	121	137	172	185	194	192	175	139	80	30	5	1	-
14	1	3	2	3	4	7	4	8	15	10	2	1	5	1	-	-
15	-	2	2	1	4	5	4	4	10	6	-	1	2	1	-	-
16	1	1	-	2	-	2	-	4	5	4	2	-	3	-	-	-
17	253	255	264	280	378	439	488	505	524	476	331	216	81	22	1	14
18	135	122	141	147	200	240	246	255	247	201	142	89	26	8	1	5
19	118	133	123	133	178	199	242	250	277	275	189	127	55	14	-	4
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
21	16	24	28	18	33	42	43	50	82	76	50	33	19	1	-	2
22	7	9	15	11	16	27	24	23	44	40	21	17	8	1	-	1
23	9	15	13	7	17	15	19	27	38	36	29	16	11	-	-	-
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
25	141	203	184	156	174	208	253	276	265	218	147	101	33	5	-	2
26	80	103	102	79	110	113	117	151	141	103	63	43	8	3	-	2
27	61	100	82	77	64	95	136	125	124	115	84	58	25	2	-	-
28	28	37	35	47	44	57	81	88	85	96	84	39	11	3	-	2
29	14	21	24	22	26	33	48	42	45	42	37	13	6	1	-	1
30	14	16	11	25	18	24	33	46	40	54	47	26	5	2	-	1
31	347	388	480	494	568	714	798	847	871	746	539	335	125	26	4	5
32	183	196	265	275	323	404	426	410	418	316	218	132	47	4	1	3
33	164	192	215	219	245	310	372	437	453	430	321	203	78	22	3	1
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
35	3	-	1	1	6	3	8	5	7	13	6	2	3	-	-	-
36	3	-	1	-	6	2	3	5	1	8	1	-	1	-	-	-
37	-	-	-	1	-	1	5	-	6	5	5	2	2	-	-	-
38	63	91	88	113	107	146	178	209	200	222	166	110	43	6	2	1
39	34	54	40	64	54	84	102	110	108	104	62	43	14	2	2	-
40	29	37	48	49	53	62	76	99	92	118	104	67	29	4	-	1
41	74	78	85	115	111	142	155	197	206	185	169	96	32	8	-	5
42	46	47	58	75	74	87	92	113	114	81	68	48	9	3	-	4
43	28	31	27	40	37	55	63	84	92	104	101	48	23	5	-	1
44	562	732	771	864	934	930	911	915	872	693	449	206	87	22	5	7
45	302	430	460	510	585	547	477	478	432	296	197	73	22	6	2	4
46	260	302	311	354	349	383	434	437	440	397	252	133	65	16	3	3
47	234	281	277	348	365	413	478	535	526	472	339	186	78	15	2	6
48	119	160	153	184	197	224	259	286	241	215	128	86	17	6	1	3
49	115	121	124	164	168	189	219	249	285	257	211	100	57	9	1	3

Line No.	Table 35 MUNICIPALITIES AND SEX.	DEATHS IN MUNICIPALITIES HAVING OVER 15,000											
		All ages.	Under 5 years.	Under 1 year.	1 year.	2 years.	3 years.	4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.
1	ATTLEBORO.	253	53	41	6	3	1	2	4	3	4	4	13
2	Males,	133	25	18	3	2	1	1	2	3	3	1	8
3	Females,	120	28	23	3	1	—	1	2	—	1	3	5
4	BEVERLY.	287	48	36	6	1	2	3	7	2	3	5	6
5	Males,	143	26	22	3	—	—	1	5	1	1	2	4
6	Females,	143	22	14	3	1	2	2	2	1	2	3	2
7	Unknown,	1	—	—	—	—	—	—	—	—	—	—	—
8	BOSTON.	12,776	3,019	2,046	511	222	142	98	302	145	235	346	439
9	Males,	6,877	1,693	1,158	288	120	77	50	159	78	113	195	240
10	Females,	5,899	1,326	888	223	102	65	48	143	67	122	151	199
11	BROCKTON.	785	192	135	35	7	8	7	14	7	13	29	16
12	Males,	427	112	81	17	4	4	6	8	4	6	14	10
13	Females,	358	80	54	18	3	4	1	6	3	7	15	6
14	BROOKLINE (TOWN).	352	26	16	—	6	2	2	5	1	2	10	8
15	Males,	157	15	8	—	5	2	—	4	1	2	4	7
16	Females,	195	11	8	—	1	—	2	1	—	—	6	1
17	CAMBRIDGE.	1,527	342	240	56	28	10	8	17	11	29	53	42
18	Males,	746	183	126	32	17	5	3	10	3	15	23	22
19	Females,	781	159	114	24	11	5	5	7	8	14	30	20
20	CHELSEA.	669	158	116	24	9	4	5	13	3	12	16	22
21	Males,	430	91	67	15	5	3	1	7	1	6	8	12
22	Females,	239	67	49	9	4	1	4	6	2	6	8	10
23	CHICOPEE.	442	215	154	31	13	9	8	11	6	7	16	14
24	Males,	237	110	79	14	8	5	4	7	3	2	7	8
25	Females,	205	105	75	17	5	4	4	4	3	5	9	6
26	EVERETT.	395	80	60	7	7	2	4	10	7	4	10	15
27	Males,	205	46	35	6	2	—	3	7	3	1	4	9
28	Females,	190	34	25	1	5	2	1	3	4	3	6	6
29	FALL RIVER.	2,183	854	643	126	50	19	16	42	28	37	45	51
30	Males,	1,152	486	374	67	24	12	9	23	11	18	22	19
31	Females,	1,031	368	269	59	26	7	7	19	17	19	23	32
32	FITCHBURG.	539	156	102	25	15	9	5	23	10	11	13	10
33	Males,	271	89	67	9	7	4	2	9	4	4	8	6
34	Females,	268	67	35	16	8	5	3	14	6	7	5	4
35	FRAMINGHAM (TOWN).	273	49	40	2	5	—	2	—	3	4	11	4
36	Males,	141	26	21	—	4	—	1	—	3	2	6	1
37	Females,	132	23	19	2	1	—	1	—	—	2	5	3
38	GARDNER (TOWN).	220	51	38	6	4	1	2	9	1	2	6	9
39	Males,	119	28	23	2	1	—	2	4	—	—	3	7
40	Females,	101	23	15	4	3	1	—	5	1	2	3	2
41	GLOUCESTER.	379	75	50	11	5	8	1	7	10	7	11	4
42	Males,	187	43	28	9	3	3	—	4	4	6	4	—
43	Females,	191	32	22	2	2	5	1	3	6	1	7	4
44	Unknown,	1	—	—	—	—	—	—	—	—	—	—	—
45	HAVERHILL.	720	147	109	18	10	9	1	14	6	13	20	24
46	Males,	376	77	57	8	6	6	—	7	4	5	11	13
47	Females,	343	70	52	10	4	3	1	7	2	8	9	11
48	Unknown,	1	—	—	—	—	—	—	—	—	—	—	—
49	HOLYOKE.	1,081	423	316	56	23	21	7	30	11	22	28	30
50	Males,	573	231	182	26	10	10	3	19	6	9	17	18
51	Females,	508	192	134	30	13	11	4	11	5	13	11	12
52	LAWRENCE.	1,338	464	329	74	21	27	13	31	18	19	50	54
53	Males,	660	243	183	31	12	7	10	13	12	8	20	19
54	Females,	678	221	146	43	9	20	3	18	6	11	30	35

INHABITANTS, BY SEX AND AGE: 1916.

Line No.	30 to 34 years.	35 to 39 years.	40 to 44 years.	45 to 49 years.	50 to 54 years.	55 to 59 years.	60 to 64 years.	65 to 69 years.	70 to 74 years.	75 to 79 years.	80 to 84 years.	85 to 89 years.	90 to 94 years.	95 to 99 years.	100 years and over.	Age unknown.
1	13	13	6	6	15	21	21	16	24	16	12	8	1	-	-	-
2	9	5	3	3	9	10	8	10	13	10	6	5	-	-	-	-
3	4	8	3	3	6	11	13	6	11	6	6	3	1	-	-	-
4	7	7	8	15	17	13	33	26	22	25	22	14	5	1	-	1
5	5	5	4	7	10	2	16	13	11	9	12	7	3	-	-	-
6	2	2	4	8	7	11	17	13	11	16	10	7	2	1	-	-
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
8	540	694	733	815	864	860	849	854	778	607	394	193	79	19	4	7
9	291	405	437	478	541	507	443	439	334	233	164	68	17	6	2	4
10	249	289	296	337	323	353	406	415	414	374	230	125	62	13	2	3
11	21	22	30	46	44	60	57	58	52	50	41	23	7	1	-	2
12	12	12	18	25	26	34	31	33	30	21	19	7	3	-	-	2
13	9	10	12	21	18	26	26	25	22	29	22	16	4	1	-	-
14	9	8	19	15	19	26	37	25	35	48	38	16	3	1	-	1
15	5	4	6	5	7	16	18	12	16	22	11	1	-	1	-	-
16	4	4	13	10	12	10	19	13	19	26	27	15	3	-	-	1
17	56	64	68	84	85	111	123	108	119	88	65	46	14	1	-	1
18	31	31	37	40	55	58	64	54	51	33	19	13	4	-	-	-
19	25	33	31	44	30	33	59	54	68	55	46	33	10	1	-	1
20	16	24	30	34	46	44	44	33	68	55	33	9	6	2	-	1
21	8	17	21	26	32	25	26	22	51	46	24	3	4	-	-	-
22	8	7	9	8	14	19	18	11	17	9	9	6	2	2	-	1
23	11	15	12	17	9	19	13	12	17	17	18	10	2	-	-	1
24	6	10	8	9	4	8	7	8	9	11	12	7	-	-	-	1
25	5	5	4	8	5	11	6	4	8	6	6	3	2	-	-	-
26	14	9	16	19	23	27	36	37	26	29	22	7	3	-	1	-
27	8	4	10	10	13	17	21	18	14	10	7	2	1	-	-	-
28	6	5	6	9	10	10	15	19	12	19	15	5	2	-	1	-
29	69	82	83	78	118	125	124	130	127	84	55	33	8	-	1	3
30	35	51	47	38	68	64	63	66	57	41	26	10	1	3	-	3
31	34	31	36	40	50	61	61	64	70	43	29	23	7	3	1	-
32	23	21	19	20	24	36	40	33	32	31	21	8	7	-	-	1
33	9	10	13	6	15	19	21	15	12	16	7	3	5	-	-	-
34	14	11	6	14	9	17	19	18	20	15	14	5	2	-	-	1
35	-	7	8	15	10	24	20	22	33	26	14	14	8	1	-	-
36	-	3	4	8	4	12	9	12	16	18	8	6	3	-	-	-
37	-	4	4	7	6	12	11	10	17	8	6	8	5	1	-	-
38	5	6	13	9	13	13	10	22	23	12	10	4	2	-	-	-
39	2	3	8	6	4	7	6	15	15	6	3	2	-	-	-	-
40	3	3	5	3	9	6	4	7	8	6	7	2	2	-	-	-
41	14	10	13	22	16	25	26	26	40	30	22	15	4	1	-	1
42	6	5	6	8	7	17	13	14	19	13	13	4	1	-	-	-
43	8	5	7	14	9	8	13	12	21	17	9	11	3	1	-	-
44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
45	29	25	30	26	43	65	56	51	56	43	38	19	11	3	-	1
46	12	13	17	16	23	41	38	32	20	19	20	5	2	1	-	-
47	17	12	13	10	20	24	18	19	36	24	18	14	9	2	-	-
48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
49	33	41	44	45	60	46	63	62	56	44	21	11	11	-	-	-
50	19	22	23	15	38	23	28	36	30	25	7	5	2	-	-	-
51	14	19	21	30	22	23	35	26	26	19	14	6	9	-	-	-
52	50	67	57	58	77	70	66	79	64	53	32	19	7	2	-	1
53	26	33	31	32	41	43	27	31	31	25	9	10	4	1	-	1
54	24	34	26	26	36	27	39	48	33	28	23	9	3	1	-	-

Table 35		DEATHS IN MUNICIPALITIES HAVING OVER 15,000											
Line No.	MUNICIPALITIES AND SEX.	All ages.	Under 5 years.	Under 1 year.	1 year.	2 years.	3 years.	4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 24 years.	25 to 29 years.
1	LEOMINSTER.	233	49	33	9	2	3	2	3	2	2	7	9
2	Males,	118	22	16	3	1	-	-	2	-	1	5	5
3	Females,	115	27	17	6	1	3	-	1	2	1	2	4
4	LOWELL.	1,964	672	489	112	37	27	16	50	22	34	47	49
5	Males,	1,003	334	283	51	25	15	10	27	11	16	23	19
6	Females,	961	289	197	61	12	13	6	23	11	18	24	30
7	LYNN.	1,256	269	187	31	24	15	12	28	19	23	34	45
8	Males,	629	145	104	15	9	9	8	17	15	14	17	20
9	Females,	627	124	83	16	15	6	4	11	4	9	17	25
10	MALDEN.	581	103	66	17	10	3	7	27	7	11	9	14
11	Males,	289	64	37	12	7	3	5	11	4	4	5	7
12	Females,	292	39	29	5	3	-	2	16	3	7	4	7
13	MARLBOROUGH.	207	37	24	5	3	2	3	3	1	2	8	11
14	Males,	116	26	19	3	1	1	2	2	1	-	7	4
15	Females,	91	11	5	2	2	1	1	1	-	2	1	7
16	MEDFORD.	354	59	40	11	4	3	1	5	6	6	7	5
17	Males,	167	39	26	8	2	2	1	3	4	4	4	4
18	Females,	187	20	14	3	2	1	-	2	2	2	3	1
19	MELROSE.	224	29	21	6	1	1	-	3	2	1	8	8
20	Males,	110	18	15	2	-	1	-	-	1	-	4	4
21	Females,	113	11	6	4	1	-	-	3	1	1	4	4
22	Unknown,	1	-	-	-	-	-	-	-	-	-	-	-
23	NEW BEDFORD.	1,813	655	485	107	34	15	14	33	22	33	58	61
24	Males,	945	338	281	58	15	8	6	17	12	21	34	32
25	Females,	868	287	204	49	19	7	8	16	10	12	24	29
26	NEWBURYPORT.	237	52	40	4	6	2	-	2	6	3	2	4
27	Males,	114	28	25	2	1	-	-	1	3	1	2	2
28	Females,	123	24	15	2	5	2	-	1	3	2	-	2
29	NEWTON.	470	84	54	15	7	7	1	10	4	4	5	11
30	Males,	222	44	26	10	5	2	1	9	2	1	2	7
31	Females,	248	40	28	5	2	5	-	1	2	3	3	4
32	NORTH ADAMS.	310	65	34	12	6	7	6	11	4	6	11	11
33	Males,	166	42	22	8	2	6	4	7	3	4	9	5
34	Females,	144	23	12	4	4	1	2	4	1	2	2	6
35	NORTHAMPTON.	433	48	34	8	2	2	2	3	9	9	13	22
36	Males,	232	23	16	5	2	-	-	2	4	5	5	13
37	Females,	201	25	18	3	-	2	2	1	5	4	8	9
38	PEABODY (TOWN).	245	65	49	6	4	3	3	5	4	5	3	7
39	Males,	121	35	26	3	1	3	2	2	2	3	2	4
40	Females,	124	30	23	3	3	-	1	3	2	2	1	3
41	PITTSFIELD.	550	114	83	13	9	3	6	17	7	12	19	19
42	Males,	292	59	45	5	4	2	3	11	4	8	14	13
43	Females,	258	55	38	5	1	3	6	6	3	4	5	6
44	QUINCY.	446	111	77	13	10	6	5	13	11	5	20	18
45	Males,	248	60	43	7	4	3	3	4	5	3	11	14
46	Females,	198	51	34	6	6	3	2	9	6	2	9	4
47	REVERE.	189	41	25	5	3	5	3	5	5	4	6	5
48	Males,	99	22	13	1	3	2	3	5	-	3	4	2
49	Females,	90	19	12	4	-	3	-	-	5	1	2	3
50	SALEM.	588	145	115	17	8	2	3	13	6	10	16	18
51	Males,	306	80	65	9	5	-	1	8	3	5	9	7
52	Females,	280	65	50	8	3	2	2	5	3	5	7	11
53	Unknown,	2	-	-	-	-	-	-	-	-	-	-	-

INHABITANTS, BY SEX AND AGE: 1916 — Con.

Line No.	30 to 34 years.	35 to 39 years.	40 to 44 years.	45 to 49 years.	50 to 54 years.	55 to 59 years.	60 to 64 years.	65 to 69 years.	70 to 74 years.	75 to 79 years.	80 to 84 years.	85 to 89 years.	90 to 94 years.	95 to 99 years.	100 years. and over.	Age unknown.
1	5	8	11	6	7	12	25	20	21	18	19	7	2	-	-	-
2	2	4	5	3	3	7	14	14	9	11	8	2	1	-	-	-
3	3	4	6	3	4	5	11	6	12	7	11	5	1	-	-	-
4	64	81	93	85	116	117	109	129	105	79	57	34	15	2	-	3
5	33	38	41	39	62	64	64	58	45	34	23	14	5	-	-	3
6	31	43	52	46	54	53	45	71	60	45	34	20	10	2	-	-
7	48	54	51	62	89	85	84	99	101	69	54	23	14	2	-	3
8	28	20	28	33	45	40	42	55	48	26	21	9	3	2	-	1
9	20	34	23	29	44	45	42	44	53	43	33	14	11	-	-	2
10	18	15	29	36	40	42	44	43	46	34	31	21	9	1	-	-
11	11	7	15	20	20	17	23	25	21	14	11	8	1	-	-	1
12	7	8	14	16	20	25	21	18	25	20	20	13	8	1	-	-
13	5	8	13	13	5	10	21	14	17	21	14	2	2	-	-	-
14	2	2	10	6	5	7	10	5	9	11	9	2	-	-	-	-
15	5	6	3	7	-	3	11	9	8	10	5	-	2	-	-	-
16	10	11	16	10	16	25	33	31	35	23	26	24	4	1	-	-
17	2	1	5	5	6	13	12	14	16	12	8	12	1	-	-	-
18	8	10	9	5	10	12	21	17	20	11	18	12	3	1	-	-
19	7	4	13	11	9	17	17	13	29	25	13	9	5	-	-	1
20	1	2	9	6	3	12	8	5	15	11	4	3	4	-	-	-
21	6	2	4	5	6	5	9	8	14	14	9	6	1	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
23	68	73	71	76	91	98	96	103	82	76	76	24	10	5	1	1
24	33	37	39	37	49	55	43	45	38	31	31	10	4	3	1	1
25	29	36	32	39	42	43	53	58	46	45	45	14	6	2	-	-
26	10	7	4	3	5	11	14	18	20	27	21	15	11	2	-	-
27	5	6	2	2	4	7	8	12	10	7	8	4	2	-	-	-
28	5	1	2	1	1	4	6	6	10	20	13	11	9	2	-	-
29	14	8	17	20	21	25	31	42	62	48	34	21	8	1	-	-
30	7	5	9	11	16	9	13	18	30	17	11	7	4	-	-	-
31	7	3	8	9	5	16	18	24	32	31	23	14	4	1	-	-
32	8	19	9	16	21	22	21	25	16	24	14	4	3	-	-	-
33	4	12	4	8	9	14	8	13	8	8	7	1	-	-	-	-
34	4	7	5	8	12	8	13	12	8	16	7	3	3	-	-	-
35	17	23	20	25	18	20	37	45	38	39	30	11	3	2	-	1
36	9	15	15	14	12	13	25	21	18	20	11	5	1	1	-	1
37	8	8	5	11	6	7	12	24	20	19	19	6	2	1	-	-
38	8	1	11	13	11	21	22	15	13	8	6	3	3	-	-	1
39	4	-	6	5	6	13	11	10	7	4	2	3	1	-	-	1
40	4	1	5	8	5	8	11	13	8	9	6	3	2	-	-	-
41	17	28	29	37	26	39	37	32	27	45	26	11	5	1	2	-
42	12	11	21	18	14	20	25	15	19	11	10	4	3	-	-	-
43	5	17	8	19	12	19	12	17	8	34	16	7	2	1	2	-
44	12	28	14	21	22	24	28	28	30	26	22	10	3	-	-	-
45	7	16	6	16	15	17	19	16	15	13	5	5	1	-	-	-
46	5	12	8	5	7	7	9	12	15	13	17	5	2	-	-	-
47	6	7	6	7	12	15	12	13	15	18	9	2	1	-	-	-
48	3	4	1	4	7	7	4	10	10	9	3	1	-	-	-	-
49	3	3	5	3	5	8	8	3	5	9	6	1	1	-	-	-
50	29	26	26	23	26	42	40	39	43	43	17	18	4	1	-	3
51	17	14	16	11	17	28	19	17	21	19	7	6	1	-	-	1
52	12	12	10	12	9	14	21	22	22	24	10	12	3	1	-	-
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2

[illegible]

Table 36

POPULATION, DEATHS,¹
AND DEATH RATES, PER 1,000
POPULATION: 1851 TO 1916.

YEARS.

Popula-
tion.

Deaths.

Death
rates.

YEARS.

POPULATION, DEATHS,¹
AND DEATH RATES, PER 1,000
POPULATION: 1851 TO 1916.

Popula-
tion.

Deaths.

Death
rates.

1851, . . .	1,020,674	18,934	18.6	1884, . . .	1,909,810	36,990	19.0
1852, . . .	1,047,518	18,482	17.6	1885, . . .	1,942,141	38,094	19.6
1853, . . .	1,075,063	20,301	18.9	1886, . . .	1,998,174	37,224	18.6
1854, . . .	1,103,341	21,414	19.4	1887, . . .	2,055,821	40,763	19.8
1855, . . .	1,132,369	20,798	18.4	1888, . . .	2,115,131	42,097	19.9
1856, . . .	1,151,455	20,734	18.0	1889, . . .	2,176,153	41,777	19.2
1857, . . .	1,170,855	21,280	18.2	1890, . . .	2,238,943	43,528	19.4
1858, . . .	1,190,583	20,776	17.5	1891, . . .	2,288,911	45,185	19.7
1859, . . .	1,210,645	20,976	17.3	1892, . . .	2,339,994	48,762	20.9
1860, . . .	1,231,066	23,068	18.7	1893, . . .	2,392,217	49,084	20.5
1861, . . .	1,238,176	24,085	19.5	1894, . . .	2,445,605	46,791	19.1
1862, . . .	1,245,326	22,974	18.5	1895, . . .	2,500,183	47,540	19.0
1863, . . .	1,252,517	27,751	22.2	1896, . . .	2,558,437	49,381	19.3
1864, . . .	1,259,750	28,753	22.8	1897, . . .	2,618,048	47,419	18.1
1865, . . .	1,267,031	26,152	20.6	1898, . . .	2,679,048	46,761	17.5
1866, . . .	1,302,995	23,637	18.2	1899, . . .	2,741,470	47,710	17.4
1867, . . .	1,339,979	22,773	17.0	1900, . . .	2,805,346	51,156	18.2
1868, . . .	1,378,012	25,603	18.6	1901, . . .	2,849,047	48,275	16.9
1869, . . .	1,417,124	26,054	18.4	1902, . . .	2,889,386	47,491	16.4
1870, . . .	1,457,351	27,329	18.8	1903, . . .	2,929,725	49,054	16.7
1871, . . .	1,494,337	27,943	18.7	1904, . . .	2,970,064	48,482	16.3
1872, . . .	1,532,260	35,019	22.9	1905, . . .	3,015,872	50,486	16.7
1873, . . .	1,571,142	33,912	21.6	1906, . . .	3,089,029	50,624	16.4
1874, . . .	1,611,016	31,887	18.6	1907, . . .	3,162,186	54,234	17.2
1875, . . .	1,651,912	34,978	21.7	1908, . . .	3,235,343	51,788	16.0
1876, . . .	1,677,351	33,186	19.8	1909, . . .	3,308,500	51,236	15.5
1877, . . .	1,703,182	31,342	18.4	1910, . . .	3,380,151	54,407	16.1
1878, . . .	1,729,412	31,303	18.1	1911, . . .	3,446,079	53,062	15.4
1879, . . .	1,756,043	31,801	18.1	1912, . . .	3,512,007	52,400	14.9
1880, . . .	1,783,085	35,292	19.8	1913, . . .	3,577,935	53,402	14.9
1881, . . .	1,813,818	36,458	20.1	1914, . . .	3,643,863	52,978	14.5
1882, . . .	1,845,086	36,785	19.9	1915, . . .	3,693,310	53,131	14.4
1883, . . .	1,876,895	37,748	20.1	1916, . . .	3,775,720	56,366	14.9

¹ Exclusive of stillbirths.

Table 37

MORTALITY ¹ OF MALES AND FEMALES: 1860 TO 1916.

YEARS.	DEATHS.		Deaths of males to 1,000 deaths of females.	DEATH RATES ² PER 1,000 POPULATION.		
	Males.	Females.		Males.	Females.	Excess of male rate.
1860,	11,444	11,547	999	19.3	18.4	.9
1862-65 (four years of war),	54,407	50,994	1,067	—	—	—
1865,	13,085	13,024	1,005	21.7	19.6	2.1
1866,	11,601	12,003	966	—	—	—
1867,	11,359	11,369	998	—	—	—
1868,	12,871	12,695	1,014	—	—	—
1869,	12,777	13,231	966	—	—	—
1870,	13,699	13,598	1,007	19.5	18.6	.9
1871,	13,985	13,931	1,004	—	—	—
1872,	17,717	17,256	1,027	—	—	—
1873,	17,242	16,642	1,036	—	—	—
1874,	15,912	15,939	999	—	—	—
1875,	17,329	17,619	984	21.8	20.5	1.3
1876,	16,485	16,669	988	—	—	—
1877,	15,427	15,894	971	—	—	—
1878,	15,284	15,986	956	—	—	—
1879,	15,628	16,142	968	—	—	—
1880,	17,426	17,852	976	20.3	19.3	1.0
1881,	18,147	18,296	992	—	—	—
1882,	18,360	18,418	996	—	—	—
1883,	18,840	18,904	996	—	—	—
1884,	18,418	18,567	992	—	—	—
1885,	18,889	19,205	984	20.2	19.0	1.2
1886,	18,585	18,659	996	—	—	—
1887,	20,329	20,434	995	—	—	—
1888,	21,234	20,863	1,018	—	—	—
1889,	20,978	20,799	1,009	—	—	—
1890,	21,767	21,761	1,000	20.0	18.9	1.1
1891,	22,672	22,513	1,007	—	—	—
1892,	24,643	24,119	1,022	—	—	—
1893,	24,899	24,185	1,029	—	—	—
1894,	23,788	23,003	1,034	—	—	—
1895,	24,175	23,365	1,035	19.9	18.2	1.7
1896,	25,140	24,241	1,037	—	—	—
1897,	24,004	23,415	1,025	—	—	—
1898,	24,082	22,679	1,062	—	—	—
1899,	24,304	23,406	1,038	—	—	—
1900,	25,934	25,222	1,028	18.9	17.5	1.4
1901,	24,858	23,417	1,061	—	—	—
1902,	24,199	23,292	1,039	—	—	—
1903,	25,157	23,897	1,050	—	—	—
1904,	24,726	23,756	1,040	—	—	—
1905,	25,996	24,490	1,061	17.8	15.9	1.9
1906,	26,190	24,434	1,072	—	—	—
1907,	28,023	26,211	1,069	—	—	—
1908,	26,772	25,016	1,070	—	—	—
1909,	26,320	24,916	1,056	—	—	—
1910,	28,259	26,148	1,081	17.1	15.3	1.8
1911,	27,526	25,536	1,078	—	—	—
1912,	27,027	25,373	1,065	—	—	—
1913,	28,039	25,363	1,106	—	—	—
1914,	27,569	25,409	1,085	—	—	—
1915,	27,335	25,792	1,060	15.1	13.7	1.4
1916,	29,536	26,823	1,101	15.9	14.0	1.9

¹ Exclusive of stillbirths.² Rates are calculated on census populations.

Table 33

CAUSES OF DEATH.	ANALYSIS BY CAUSES OF DEATH OF THE EXCESS OF MALE OVER FEMALE MORTALITY: 1916.			
	Male mortality per 100,000 population.	Female mortality per 100,000 population.	Excess (+) or de- ficiency (—) of (1) compared with (2).	Per cent. of total male excess.
	(1)	(2)	(3)	(4)
All Causes.	1,593.4	1,395.5	+197.9	100.0
<i>Causes not Peculiar to the Female Sex.</i>	<i>1,593.4</i>	<i>1,315.9</i>	<i>+277.5</i>	<i>140.2</i>
Tuberculosis of the lungs (28),*	143.2	94.3	+48.9	24.7
Other forms of tuberculosis (29-34),	29.0	21.7	+7.3	3.7
Pneumonia (all forms) (91, 92),	185.0	163.3	+21.7	11.0
Cancer (excluding generative and mammary organs) (39-41, 44, 45),	79.5	78.6	+ .9	.5
Violence (155-186),	135.2	46.5	+89.7	45.3
Infant deaths not included above,	52.7	37.9	+14.8	7.5
Other causes of death not elsewhere specified,	968.8	873.6	+95.2	48.1
<i>Causes Peculiar, or almost so, to the Female Sex.</i>	<i>—</i>	<i>79.7</i>	<i>—79.7</i>	<i>40.3</i>
Diseases incident to pregnancy and childbearing (134-141),*	—	27.3	—27.3	13.8
Cancer of the generative and mammary organs (42, 43),	—	52.3	—52.3	26.4

Table 39

AGE PERIODS.

DEATHS¹ AT SPECIFIED AGES: CENSUS YEARS 1875 TO 1915.

	1915. ²	1910.	1905.	1900.	1895.	1890.	1885.	1880.	1875.
All Ages.	53,131	54,407	50,486	51,156	47,540	43,528	38,094	35,292	34,978
Under 5 years, .	12,891	15,433	14,055	16,310	15,202	13,870	11,956	12,213	12,823
Under 1 year, .	9,490	11,499	10,519	11,500	10,564	9,625	7,626	7,190	7,712
5 to 9 years, .	1,026	1,091	1,017	1,347	1,397	1,282	1,358	1,463	1,603
10 to 14 years, .	648	678	734	673	646	697	667	611	706
15 to 19 years, .	984	1,002	1,050	1,146	1,207	1,361	1,190	1,104	1,287
20 to 29 years, .	3,234	3,329	3,562	3,904	4,101	3,931	3,492	3,269	3,245
30 to 39 years, .	3,823	4,102	4,149	4,034	4,873	3,552	3,062	721	2,743
40 to 49 years, .	4,825	4,615	4,139	3,896	3,578	3,396	2,889	2,384	2,361
50 to 59 years, .	6,058	5,501	5,174	4,692	4,080	3,642	3,090	2,538	2,336
60 to 69 years, .	7,323	7,168	6,346	5,687	4,933	4,286	3,678	3,104	2,760
70 to 79 years, .	7,613	6,977	6,106	5,608	5,028	4,247	3,750	3,243	2,959
80 years and over, .	4,667	4,471	4,101	3,837	3,418	3,115	2,829	2,489	1,966
Age unknown, .	39	40	53	22	77	149	133	1,513	189
DEATH RATES PER 1,000 POPULATION AT SPECIFIED AGES.									
All Ages.	14.4	16.2	16.8	18.2	19.0	19.4	19.6	19.8	21.2
Under 5 years, .	35.5	46.9	53.6	57.8	64.5	68.1	67.0	68.1	74.0
Under 1 year, .	126.1	162.6	208.0	190.1	215.9	223.6	212.5	191.3	226.6
5 to 9 years, .	3.1	3.7	3.7	5.3	6.2	6.6	7.5	8.5	9.8
10 to 14 years, .	2.1	2.4	2.8	2.9	3.2	3.6	3.8	3.8	4.7
15 to 19 years, .	3.1	3.4	4.0	4.8	5.3	6.3	6.4	6.6	7.7
20 to 29 years, .	4.6	5.2	6.3	7.0	7.1	8.4	9.1	9.5	10.5
30 to 39 years, .	6.5	7.4	8.2	8.8	9.7	10.4	10.6	10.3	11.3
40 to 49 years, .	10.3	11.0	11.2	12.0	12.7	13.4	13.0	11.7	13.0
50 to 59 years, .	19.1	19.9	21.4	21.3	20.5	20.4	19.7	17.9	18.3
60 to 69 years, .	40.5	43.1	41.1	41.0	39.4	37.5	36.2	33.9	34.8
70 to 79 years, .	87.1	79.2	83.2	85.8	82.4	76.0	76.2	73.1	71.1
80 years and over, .	177.5	191.3	179.6	197.8	184.7	174.2	182.3	184.0	176.4

¹ Exclusive of stillbirths.

Table 40	PER CENT. OF DEATHS ¹ AT SPECIFIED AGES — BOTH SEXES.				YEARS.	PER CENT. OF DEATHS ¹ AT SPECIFIED AGES — BOTH SEXES.			
	Under 1 year.	Under 5 years.	20 to 29 years.	All others.		Under 1 year.	Under 5 years.	20 to 29 years.	All others.
1872, . . .	24.0	38.7	10.8	50.5	1895, . . .	22.2	32.0	8.6	59.4
1873, . . .	23.3	36.5	10.5	53.0	1896, . . .	23.8	33.7	8.3	57.9
1874, . . .	23.5	36.6	9.9	53.5	1897, . . .	22.7	32.3	8.4	59.3
1875, . . .	22.1	36.8	9.3	53.9	1898, . . .	23.3	31.8	8.6	59.6
1876, . . .	20.2	36.2	9.1	54.7	1899, . . .	22.1	31.1	7.9	61.0
1877, . . .	20.2	35.6	9.5	54.9	1900, . . .	22.5	31.9	7.6	60.5
1878, . . .	19.7	34.5	9.0	56.5	1901, . . .	20.6	28.9	7.8	63.3
1879, . . .	18.4	31.9	9.3	58.8	1902, . . .	21.2	30.0	7.6	62.3
1880, . . .	20.3	34.6	9.3	56.1	1903, . . .	20.9	29.2	7.1	63.7
1881, . . .	20.2	32.8	10.0	57.2	1904, . . .	20.6	27.4	7.4	65.2
1882, . . .	20.2	31.2	10.2	58.6	1905, . . .	20.8	27.8	7.1	65.1
1883, . . .	19.9	31.4	10.0	58.6	1906, . . .	21.9	29.7	6.5	63.8
1884, . . .	20.9	32.3	9.6	58.1	1907, . . .	20.8	27.5	6.6	66.0
1885, . . .	20.0	31.4	9.2	59.4	1908, . . .	22.4	28.3	6.3	65.4
1886, . . .	21.1	31.6	9.5	58.9	1909, . . .	20.9	27.9	6.1	66.0
1887, . . .	20.9	32.3	9.5	58.2	1910, . . .	21.1	28.4	6.1	65.5
1888, . . .	21.1	32.1	9.5	58.4	1911, . . .	19.9	26.4	6.1	67.5
1889, . . .	21.8	32.7	9.3	58.1	1912, . . .	20.0	26.3	6.0	67.6
1890, . . .	22.1	31.9	9.0	59.1	1913, . . .	18.9	25.8	6.0	68.2
1891, . . .	22.5	31.6	8.5	60.0	1914, . . .	18.7	24.6	6.0	69.4
1892, . . .	21.8	31.2	9.0	59.8	1915, . . .	17.9	24.3	6.1	69.7
1893, . . .	22.4	32.5	8.8	58.7	1916, . . .	16.6	23.2	5.8	71.0
1894, . . .	23.3	33.6	8.5	57.9					

¹ Exclusive of stillbirths.

Table 41	MALE DEATHS PER 1,000 FEMALE DEATHS AT SPECIFIED AGES.			AGE PERIODS.	MALE DEATHS PER 1,000 FEMALE DEATHS AT SPECIFIED AGES.		
	1916.	1915.	1914.		1916.	1915.	1914.
All Ages.	1,101	1,060	1,085	40 to 44 years, . . .	1,334	1,208	1,322
Under 1 year, . . .	1,316	1,284	1,293	45 to 49 years, . . .	1,227	1,304	1,227
1 year,	1,130	1,074	1,100	50 to 54 years, . . .	1,384	1,204	1,227
2 years,	1,164	997	938	55 to 59 years, . . .	1,291	1,196	1,235
3 years,	1,066	1,134	1,339	60 to 64 years, . . .	1,119	1,039	1,117
4 years,	1,148	1,171	1,082	65 to 69 years, . . .	1,051	956	1,046
5 to 9 years, . . .	1,189	1,169	1,106	70 to 74 years, . . .	986	939	965
10 to 14 years, . .	1,213	1,077	1,163	75 to 79 years, . . .	795	809	822
15 to 19 years, . .	1,071	1,046	1,119	80 to 84 years, . . .	700	702	688
20 to 24 years, . .	1,123	1,046	1,033	85 to 89 years, . . .	689	676	625
25 to 29 years, . .	1,141	1,046	1,161	90 to 94 years, . . .	446	497	553
30 to 34 years, . .	1,171	1,196	1,150	95 to 99 years, . . .	523	619	414
35 to 39 years, . .	1,206	1,158	1,239	100 years and over, .	692	667	250

Table 42 AGE PERIODS AND YEARS.		DEATHS ¹ OF MALES AND FEMALES AT SPECIFIED AGES: 1907 TO 1916.						Female deaths per 1,000 male deaths.
		BOTH SEXES.		MALES.		FEMALES.		
		Number.	Per cent. distrib- ution.	Number.	Per cent. distrib- ution.	Number.	Per cent. distrib- ution.	
ALL AGES.								
1907,	.	54,234	100.0	28,023	100.0	26,211	100.0	935
1908,	.	51,788	100.0	26,772	100.0	25,016	100.0	934
1909,	.	51,236	100.0	26,320	100.0	24,916	100.0	946
1910,	.	54,407	100.0	28,259	100.0	26,148	100.0	925
1911,	.	53,062	100.0	27,526	100.0	25,536	100.0	928
1912,	.	52,400	100.0	27,027	100.0	25,373	100.0	939
1913,	.	53,402	100.0	28,039	100.0	25,363	100.0	905
1914,	.	52,978	100.0	27,569	100.0	25,409	100.0	922
1915,	.	² 53,131	100.0	27,335	100.0	25,792	100.0	943
1916,	.	³ 56,366	100.0	29,536	100.0	26,823	100.0	908
UNDER 1 YEAR.								
1907,	.	11,293	20.8	6,282	22.4	5,011	19.1	798
1908,	.	11,606	22.4	6,563	24.5	5,043	18.8	739
1909,	.	10,693	20.9	5,984	22.7	4,709	18.9	804
1910,	.	11,499	21.1	6,458	22.9	5,041	19.3	781
1911,	.	10,543	19.1	5,915	21.5	4,628	18.1	782
1912,	.	10,472	20.0	5,855	21.7	4,617	18.2	788
1913,	.	10,086	18.9	5,786	20.6	4,300	17.0	743
1914,	.	9,894	18.7	5,580	20.2	4,314	16.9	773
1915,	.	⁴ 9,490	17.9	5,334	19.5	4,153	16.1	779
1916,	.	9,334	16.6	5,303	18.0	4,031	15.0	760
UNDER 5 YEARS.								
1907,	.	14,891	27.5	8,105	28.2	6,786	25.9	837
1908,	.	15,683	30.3	8,685	32.4	6,998	28.0	911
1909,	.	14,271	27.9	7,909	30.1	6,362	25.5	804
1910,	.	15,433	28.4	8,585	30.4	6,848	26.2	798
1911,	.	13,990	26.4	7,726	28.1	6,264	24.5	811
1912,	.	13,805	26.3	7,611	28.2	6,194	24.4	813
1913,	.	13,773	25.8	7,720	27.5	6,053	23.9	784
1914,	.	13,025	24.6	7,213	26.2	5,812	22.9	806
1915,	.	⁴ 12,891	24.3	7,096	26.0	5,792	22.5	816
1916,	.	13,099	23.2	7,300	24.7	5,799	21.6	794
20 TO 29 YEARS.								
1907,	.	3,561	6.6	1,829	6.5	1,732	6.5	947
1908,	.	3,246	6.3	1,673	6.3	1,573	6.3	941
1909,	.	3,131	6.1	1,564	5.9	1,567	6.3	1,000
1910,	.	3,329	6.1	1,762	6.2	1,567	6.0	889
1911,	.	3,263	6.2	1,706	6.2	1,557	6.1	913
1912,	.	3,157	6.0	1,615	6.0	1,542	6.1	955
1913,	.	3,211	6.0	1,711	6.1	1,500	5.9	876
1914,	.	3,169	6.0	1,660	6.0	1,509	5.9	909
1915,	.	3,234	6.1	1,685	6.2	1,549	6.0	919
1916,	.	3,265	5.8	1,734	5.9	1,531	5.7	883
ALL OTHER AGES.								
1907,	.	35,782	66.0	18,089	64.6	17,693	67.5	978
1908,	.	32,859	63.4	16,414	61.3	16,445	65.7	950
1909,	.	30,834	66.0	13,847	64.0	16,987	60.2	992
1910,	.	35,645	65.5	17,912	63.4	17,733	67.8	990
1911,	.	35,809	67.5	18,094	65.7	17,715	69.4	979
1912,	.	35,438	67.6	17,801	65.9	17,637	69.5	991
1913,	.	36,418	68.2	18,608	66.4	17,810	70.2	957
1914,	.	36,784	69.4	18,696	67.8	18,088	71.2	967
1915,	.	⁵ 37,006	69.7	18,554	67.9	18,451	71.6	994
1916,	.	³ 40,002	71.0	20,502	69.4	19,493	72.7	951

¹ Exclusive of stillbirths.² Includes 4 deaths, sex not reported.³ Includes 7 deaths, sex and age not reported.⁴ Includes 3 deaths, sex not reported.⁵ Includes 1 death, sex not reported.

Table 43

DEATHS OF PERSONS 100 YEARS OF AGE AND OVER: 1916.

AGE AT DEATH.		Sex.	Place of death.	Place of birth.	Marital condition.	Date of death.	Name (and maiden name of married and widowed women).
Yrs.	Mos.						
110	10	F.	Waltham, .	Nova Scotia, .	Widow, .	Aug. 15	Julia Boudrot, m. n. unknown.
106	9	M.	Needham, .	Ireland, . .	Widower,	Nov. 10	Patrick Fox.
105	1	M.	New Bedford,	North Carolina, .	Widower,	Feb. 21	Joseph H. Smith.
105	—	M.	State Infirmary.	Maine, . .	Widower,	Aug. 31	John Golden.
104	10	M.	Swampscott,	Weston, . .	Married,	July 11	Thomas Upham.
103	—	F.	Boston, .	Ireland, . .	Widow, .	Feb. 6	Bridget O'Neill, m. n. Canfield.
102	7	F.	Boston, .	Seabrook, N. H.,	Widow, .	Dec. 8	Lydia D. French, m. n. unknown.
102	5	F.	Pittsfield, .	Canada, . .	Widow, .	Apr. 18	Oppoline M. Rheault, m. n. Mitchell.
102	3	M.	Cohasset, .	Braintree, . .	Widower,	Oct. 12	William Franklin Thayer.
102	1	M.	Boston, .	Ireland, . .	Widower,	Feb. 4	Edward J. Power.
102	—	F.	Chelsea, .	Russia, . .	Widow, .	May 27	Annie Kaufman, m. n. Mintz.
102	—	F.	Pittsfield, .	Canada, . .	Widow, .	Aug. 6	Rose V. Gordon, m. n. Valencoure.
102	—	F.	Fall River, .	Canada, . .	Widow, .	Aug. 17	Mary L. E. Watts, m. n. Porier.
101	—	M.	Boston, .	Washington, .	Widower,	Jan. 10	Paul Awhie (Indian).
101	—	F.	Otis, . .	Berkshire, . .	Widow, .	Feb. 7	Louisa E. Webb, m. n. Davison.
100	6	F.	Southbridge,	Canada, . .	Widow, .	Jan. 21	Louise Hetu, m. n. Pepin.
100	2	M.	Dartmouth, .	Dartmouth, .	Widower,	Nov. 25	Wanton B. Sherman.
100	—	F.	Waltham, .	Waterford, Me., .	Widow, .	Sept. 14	Harriet N. McWain, m. n. Kilgore.
100	—	F.	Everett, .	Fredericksburg, Va.	Widow, .	Mar. 16	Frances Williams, m. n. unknown.
100	—	F.	Lanesborough	Ireland, . .	Widow, .	Jan. 12	Hanora Silk, m. n. Cahill.
100	—	M.	North Brookfield.	Ireland, . .	Married,	Dec. 18	Patrick Burns.

DEATHS OF PERSONS 100 YEARS OF AGE AND OVER: 1881 TO 1916.											
YEARS.	Total.	SEX.		NATIVITY.			MARITAL CONDITION.				Age of oldest decedent.
		Males.	Fe-males.	Native.	For-eign born.	Un-known.	Single.	Mar-ried.	Wid-owed.	Un-known.	
1881-1916.	685	193	492	309	369	7	46	-	-	5	124
1881, . . .	21	6	15	8	10	3	1	20	- ¹	-	109
1882, . . .	27	8	19	15	12	-	2	23	- ¹	2	111
1883, . . .	20	4	16	5	15	-	2	18	- ¹	-	112
1884, . . .	9	1	8	4	5	-	2	7	- ¹	-	105
1885, . . .	16	5	11	7	9	-	2	14	- ¹	-	110
1886, . . .	21	5	16	9	12	-	1	20	- ¹	-	113
1887, . . .	17	2	15	8	9	-	1	15	- ¹	1	111
1888, . . .	26	7	19	12	14	-	2	23	- ¹	1	118
1889, . . .	21	7	14	6	15	-	1	20	- ¹	-	105
1890, . . .	25	5	20	11	14	-	-	24	- ¹	1	107
1891, . . .	25	8	17	6	19	-	1	4	20	-	110
1892, . . .	13	4	9	3	10	-	-	4	9	-	107
1893, . . .	18	7	11	8	10	-	2	3	13	-	107
1894, . . .	12	1	11	7	4	1	3	-	9	-	105
1895, . . .	15	4	11	4	10	1	1	2	12	-	107
1896, . . .	11	1	10	6	4	1	-	-	11	-	109
1897, . . .	19	4	15	7	12	-	2	3	14	-	124
1898, . . .	17	5	12	10	7	-	1	1	15	-	102
1899, . . .	21	5	16	7	14	-	3	2	16	-	106
1900, . . .	19	4	15	10	9	-	-	2	17	-	110
1901, . . .	9	2	7	5	4	-	-	-	9	-	106
1902, . . .	20	7	13	10	10	-	1	1	18	-	111
1903, . . .	19	6	13	10	9	-	1	-	18	-	105
1904, . . .	24	6	18	15	9	-	4	1	19	-	105
1905, . . .	16	6	10	5	11	-	1	2	13	-	110
1906, . . .	21	7	14	11	10	-	3	-	18	-	107
1907, . . .	23	6	17	11	12	-	-	1	22	-	112
1908, . . .	22	8	14	10	12	-	2	-	20	-	106
1909, . . .	13	2	11	5	7	1	1	1	11	-	108
1910, . . .	23	9	14	12	11	-	3	2	18	-	106
1911, . . .	17	8	9	8	9	-	1	2	14	-	108
1912, . . .	21	6	15	12	9	-	-	-	21	-	112
1913, . . .	18	4	14	10	8	-	2	-	16	-	104
1914, . . .	20	4	16	7	13	-	-	-	20	-	113
1915, . . .	25	10	15	15	10	-	-	3	22	-	105
1916, . . .	21	9	12	10	11	-	-	1	20	-	111

¹ Not tabulated.

Table 45

DEATHS BY SEX, AGE, AND MARITAL CONDITION: 1916.

Table 45.											
AGE AT DEATH.	MALES.						FEMALES.				
	Both sexes.	Total.	Single.	Married.	Widowed and divorced.	Unknown.	Total.	Single.	Married.	Widowed and divorced.	Unknown.
THE STATE.											
15 Years and Over.	41,425	21,229	5,080	11,299	4,660	190	20,196	3,713	8,132	8,329	22
15 to 19 years, . . .	963	498	494	4	—	—	465	418	47	—	—
20 to 29 years, . . .	3,265	1,734	1,279	418	14	23	1,531	646	853	30	2
30 to 39 years, . . .	4,332	2,354	951	1,284	92	27	1,978	413	1,457	104	4
40 to 49 years, . . .	5,256	2,947	765	1,923	219	40	2,309	408	1,557	340	4
50 to 59 years, . . .	6,709	3,834	683	2,512	595	44	2,875	445	1,673	753	4
60 to 69 years, . . .	8,078	4,200	525	2,567	1,077	31	3,878	550	1,453	1,870	5
70 to 79 years, . . .	7,902	3,712	272	1,925	1,494	21	4,190	510	894	2,784	2
80 years and over, . .	4,920	1,950	111	666	1,169	4	2,970	323	198	2,448	1
BOSTON.											
15 Years and Over.	9,303	4,943	1,397	2,572	900	74	4,360	929	1,731	1,688	12
15 to 19 years, . . .	235	113	113	—	—	—	122	114	8	—	—
20 to 29 years, . . .	785	435	320	100	5	10	350	141	195	14	—
30 to 39 years, . . .	1,234	696	295	364	28	9	538	129	375	32	2
40 to 49 years, . . .	1,548	915	257	573	65	20	633	121	387	122	3
50 to 59 years, . . .	1,724	1,048	208	643	176	21	676	113	349	210	4
60 to 69 years, . . .	1,703	882	128	503	241	10	821	156	256	408	1
70 to 79 years, . . .	1,385	597	56	299	240	2	788	106	138	543	1
80 years and over, . .	689	257	20	90	145	2	432	49	23	359	1

Table 46

AREAS AND COUNTIES.	DEATH RATES ¹ PER 1,000 POPULATION FOR URBAN AND RURAL AREAS: 1901 TO 1915. ²							
	1915.	1914.	1913.	1912.	1911.	ANNUAL AVERAGE.		
						1911 to 1915.	1906 to 1910.	1901 to 1905.
The State.	14.5	14.7	15.0	15.0	15.3	14.9	16.1	16.6
White,	14.4	14.6	15.0	14.9	15.3	14.8	— ³	— ³
Colored,	21.7	21.4	20.1	20.5	20.8	20.9	— ³	— ³
URBAN AREAS.⁴	17.0	14.6	14.9	14.8	15.3	15.3	16.2	16.9
White,	15.1	14.5	14.8	14.8	15.2	14.9	— ³	— ³
Colored,	28.0	21.2	20.0	19.9	20.2	21.9	— ³	— ³
RURAL AREAS.⁵	14.7	14.7	15.4	15.4	15.5	15.1	15.9	16.0
White,	13.0	14.7	15.4	15.3	15.5	14.8	— ³	— ³
Colored,	21.6	22.6	20.8	23.6	23.5	22.4	— ³	— ³
Barnstable County,	17.9	17.1	17.1	15.6	18.6	17.3	17.6	18.6
Berkshire County, ⁵	13.3	13.6	15.0	13.6	14.5	14.0	14.8	14.6
Bristol County, ⁵	13.7	13.2	13.4	13.4	13.8	13.5	15.5	15.1
Dukes County,	16.9	22.3	20.5	20.9	18.2	21.8	18.6	19.0
Essex County, ⁵	14.5	14.8	15.4	15.2	15.3	15.0	16.4	16.5
Franklin County, ⁵	14.1	14.4	16.0	15.8	14.8	15.0	14.5	15.4
Hampden County, ⁵	15.7	14.7	15.9	15.3	14.2	15.2	15.7	15.8
Hampshire County, ⁵	12.7	13.2	14.1	13.6	13.2	13.4	14.7	14.4
Middlesex County, ⁵	18.2	16.9	18.2	18.1	18.5	18.0	18.9	18.7
Nantucket County,	24.3	23.8	26.8	21.0	17.5	22.7	23.1	21.2
Norfolk County, ⁵	12.8	12.3	13.2	13.2	13.4	13.0	13.9	14.5
Plymouth County, ⁵	15.6	15.4	15.3	15.6	15.7	15.5	15.9	15.5
Worcester County, ⁵	15.0	14.9	15.1	15.9	16.2	15.4	15.9	16.1

¹ Exclusive of stillbirths.² Compiled from mortality reports of the United States Bureau of the Census, 1910 to 1915.³ Not computed.⁴ Municipalities having 10,000 or more inhabitants in 1910.⁵ Exclusive of municipalities having 10,000 or more inhabitants in 1910.

Table 47

DEATHS¹ IN COUNTIES AND IN CITIES HAVING OVER
50,000 INHABITANTS, BY MONTHS: 1916.

COUNTIES AND CITIES HAVING OVER 50,000 INHABITANTS (Grouped in Order of Population).	The year.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
The State.	56,366	6,124	5,202	5,335	4,723	4,702	3,950	3,853	4,347	4,373	4,336	4,402	5,019
Average daily number of deaths, 1916,	154.0	197.5	179.4	172.1	157.4	151.7	131.7	124.3	140.2	145.8	139.9	146.7	161.9
COUNTIES.													
Suffolk,	13,764	1,565	1,229	1,230	1,163	1,230	982	919	1,108	1,055	1,066	1,086	1,131
Middlesex,	10,533	1,200	1,060	1,004	868	892	750	673	727	752	825	812	970
Essex,	6,705	665	599	691	613	516	461	477	494	531	501	543	614
Worcester,	6,739	793	599	657	569	536	502	488	468	507	480	537	603
Bristol,	5,863	588	586	558	478	489	391	405	542	470	449	437	470
Hampden,	4,247	456	319	369	305	368	276	321	361	377	350	325	420
Norfolk,	2,407	252	225	261	217	169	163	147	153	187	197	207	229
Plymouth,	2,257	209	224	238	221	192	163	164	150	159	149	161	227
Berkshire,	1,503	149	145	113	100	117	100	112	153	153	125	119	117
Hampshire,	1,049	111	87	90	83	98	67	61	99	74	85	91	103
Franklin,	686	78	62	69	51	57	50	47	46	46	59	42	79
Barnstable,	463	43	47	36	44	28	38	28	34	50	36	35	44
Dukes,	87	8	10	11	6	6	5	7	8	7	7	4	8
Nantucket,	63	7	10	8	5	4	2	4	4	5	7	3	4
CITIES OVER 100,000.													
Boston,	12,776	1,433	1,137	1,153	1,087	1,150	905	849	1,013	987	989	1,017	1,056
Worcester,	2,896	360	274	284	259	229	220	229	189	212	201	210	229
Fall River,	2,183	245	229	207	154	173	126	159	218	187	172	149	164
Lowell,	1,964	182	193	165	151	143	137	167	167	159	142	166	191
Cambridge,	1,527	172	147	155	117	136	112	109	101	110	104	119	145
New Bedford,	1,813	159	169	167	155	165	135	129	169	153	120	141	151
Springfield,	1,742	181	144	172	133	140	100	127	141	136	141	141	186
CITIES 50,000 TO 100,000.													
Lynn,	1,256	127	125	132	119	94	85	88	82	91	93	106	114
Lawrence,	1,338	139	108	138	115	102	89	96	125	111	89	110	116
Somerville,	1,080	129	120	106	97	93	66	49	63	87	88	84	98
Brockton,	785	66	74	98	89	68	43	64	46	55	46	50	86
Holyoke,	1,081	132	76	89	76	88	63	86	81	104	90	86	110

¹ Exclusive of stillbirths.

Table 48

DEATH RATES¹ PER 1,000 POPULATION FOR THE
STATES AND CERTAIN CITIES IN THE REGISTRATION
AREA: 1901 TO 1915.²

AREAS, STATES AND CITIES.						ANNUAL AVERAGE.		
	1915.	1914.	1913.	1912.	1911.	1911 to 1915.	1906 to 1910.	1901 to 1905.
United States (Registration Area).	13.5	13.6	14.1	13.9	14.2	13.9	15.1	16.2
REGISTRATION STATES. ¹	13.3	13.4	13.9	13.6	13.9	13.6	15.0	15.9
Cities in registration States, ³	14.2	14.5	15.0	14.7	15.1	14.7	16.3	17.4
Rural part of registration States, .	12.3	12.3	12.7	12.4	12.7	12.5	13.4	14.1
REGISTRATION CITIES IN OTHER STATES.	16.3	16.0	16.3	16.6	16.9	16.9	15.9	16.6
ALL REGISTRATION CITIES. ³	14.5	14.7	15.2	15.0	15.3	14.9	16.2	17.0
REGISTRATION STATES.								
California,	13.7	13.6	14.5	14.2	13.7	13.9	13.9	— ⁴
Colorado,	11.3	11.2	11.5	11.6	12.9	11.7	14.3	— ⁴
Connecticut,	14.9	15.1	15.0	14.9	15.4	15.1	15.6	15.7
Indiana,	12.7	12.9	13.3	13.0	12.9	13.0	13.0	13.2
Kentucky,	12.3	12.9	13.3	12.9	13.2	12.9	— ⁴	— ⁴
Maine,	15.6	15.6	15.3	15.5	16.1	15.6	16.2	15.9
Maryland,	15.8	15.9	16.2	15.5	15.8	15.8	16.0	— ⁴
Massachusetts,	14.5	14.7	15.0	15.0	15.3	14.9	16.1	16.6
Michigan,	13.4	13.4	13.9	13.4	13.2	13.5	13.6	13.3
Minnesota,	10.1	10.6	10.4	9.5	10.5	10.2	— ⁵	— ⁴
Missouri,	12.0	12.3	12.5	12.6	13.1	12.5	— ⁴	— ⁴
Montana,	11.4	11.2	12.0	10.1	10.2	11.0	— ⁵	— ⁴
New Hampshire,	16.1	16.3	17.1	16.4	17.1	16.6	17.2	16.6
New Jersey,	13.8	14.2	14.3	14.1	14.7	14.2	15.4	16.1
New York,	14.6	14.7	15.0	15.0	15.5	15.0	16.4	17.1
North Carolina, ⁶	17.3	19.0	16.8	17.3	18.3	17.7	— ⁵	— ⁴
Ohio,	13.0	13.0	13.8	13.4	13.1	13.3	— ⁵	— ⁴
Pennsylvania,	13.8	13.9	14.6	14.0	14.2	14.1	15.5	— ⁴
Rhode Island,	14.8	14.7	15.0	15.2	15.5	15.0	16.7	17.8
Utah,	9.9	10.1	11.0	9.9	10.3	10.2	— ⁵	— ⁴
Vermont,	14.7	15.0	15.8	15.2	15.8	15.3	16.1	16.2
Virginia,	14.2	14.0	13.9	— ⁴	— ⁴	14.0	— ⁴	— ⁴
Washington,	8.1	8.1	8.5	7.9	8.9	8.3	— ⁵	— ⁴
Wisconsin,	10.8	11.1	11.5	11.3	11.5	11.2	— ⁵	— ⁴
CERTAIN LARGE CITIES.								
New York, N.Y.,	13.9	14.1	14.3	14.5	15.2	14.4	16.9	19.0
Chicago, Ill.,	14.3	14.2	15.1	14.8	14.5	14.6	14.9	14.5
Philadelphia, Pa.,	15.6	16.1	15.7	15.3	16.6	15.9	17.7	18.1
St. Louis, Mo.,	13.8	15.0	14.9	14.9	15.4	14.8	15.6	17.9
Boston, Mass.,	16.1	16.1	16.4	16.4	17.1	16.4	17.9	18.8
Cleveland, O.,	13.4	12.8	14.2	13.7	13.8	13.6	14.1	14.9
Baltimore, Md. (total),	17.1	18.1	18.5	18.2	18.4	18.1	19.5	20.0
White,	15.2	16.0	16.2	16.3	16.2	16.0	17.3	17.8
Colored,	28.1	29.5	31.0	29.2	30.8	29.7	31.5	32.0
Pittsburgh, Pa.,	15.6	16.1	17.1	15.9	14.9	15.9	18.0	19.9

¹ Exclusive of stillbirths.² Compiled from mortality reports of the United States Bureau of the Census.³ Includes District of Columbia.⁴ Not admitted to registration area until a later date.⁵ Figures for deaths not available for the entire period, 1906 to 1910.⁶ Figures relate only to municipalities having a population of 1,000 or over in 1910.

Table 49

DEATH RATES PER 1,000 POPULATION IN FOREIGN COUNTRIES AND
IN MASSACHUSETTS: 1891 TO 1915.¹

COUNTRIES.	1915.	1914.	1913.	1912.	1911.	1911 to 1915.	1906 to 1910.	1901 to 1905.	1896 to 1900.	1891 to 1895.
Australia, Commonwealth of	10.7	10.5	10.8	11.2	10.7	10.8	10.7	11.7	12.7	13.3
Austria,	—	—	—	20.5	21.9	—	22.3	24.2	25.6	27.9
Belgium,	—	—	—	14.8	16.4	—	15.9	17.0	18.1	20.1
Bulgaria,	—	—	—	—	21.5	—	23.8	22.5	23.9	27.8
Ceylon,	25.2	32.2	28.4	32.4	34.8	30.6	30.8	26.7	27.0	28.3
Chile,	—	27.8	30.1	29.7	31.1	—	31.3	30.2	28.8	32.6
Denmark,	12.8	12.6	12.5	13.0	13.6	10.9	13.7	14.8	16.4	18.6
England and Wales,	15.7	14.0	13.8	13.3	14.6	14.3	14.7	16.0	17.7	18.7
Finland,	—	15.6	16.1	16.3	16.5	—	17.4	18.6	19.0	20.5
France,	—	19.6	17.7	17.5	19.6	—	19.2	19.6	20.7	22.3
German Empire,	—	15.6	15.0	15.6	17.3	—	17.5	19.9	21.2	23.3
Hungary,	—	—	—	23.3	25.1	—	25.0	26.4	27.9	31.8
Ireland,	17.6	16.3	17.1	16.5	16.5	16.8	17.3	17.6	18.1	18.5
Italy,	—	17.9	18.7	18.2	21.4	—	21.0	21.9	22.9	25.5
Jamaica,	21.6	21.4	21.7	25.1	22.1	22.4	24.4	22.6	22.1	22.0
Japan,	—	—	19.5	20.0	20.4	—	20.9	20.9	20.7	21.1
Massachusetts,	14.4	14.5	14.9	14.9	15.4	14.8	16.3	16.7	18.1	19.8
The Netherlands,	12.4	12.4	12.3	12.3	14.5	12.8	14.3	16.0	17.2	19.6
New Zealand,	9.1	9.3	9.5	8.9	9.4	9.2	9.7	9.9	9.6	10.1
Norway,	13.3	13.5	13.2	13.5	13.2	13.3	13.8	14.5	15.6	16.8
Ontario, Province of,	12.0	11.8	12.7	12.4	12.6	12.3	14.0	13.0	11.6	10.6
Prussia,	—	—	14.9	15.5	17.2	—	17.3	19.6	21.0	22.8
Rumania,	—	23.8	25.9	22.9	25.3	—	26.0	25.5	27.4	31.0
Russia (European),	—	—	—	—	—	—	28.7 ²	30.9	31.9	35.8
Scotland,	17.1	15.5	15.5	15.3	15.1	15.7	16.1	17.0	18.0	19.0
Serbia,	—	—	—	21.1	21.8	—	24.4	22.4	24.8	28.9
Spain,	—	22.1	22.1	21.8	23.2	—	24.3	26.0	28.8	30.1
Sweden,	14.6	13.8	13.6	14.2	13.8	14.0	14.3	15.5	16.1	16.6
Switzerland,	13.3	13.8	14.3	14.1	15.8	14.3	16.0	17.5	18.1	19.8
United Kingdom,	15.6	14.4	14.3	13.8	14.8	14.6	15.1	16.3	17.8	18.7
United States,	13.5	13.6	14.1	13.9	14.2	13.9	15.2	16.2	—	—

¹ Compiled from annual reports of Registrar-General of England and Wales, and annual reports on births, marriages, and deaths of Massachusetts.² Average for 1906 to 1909.

B. INFANT MORTALITY.

Table 50	INFANT MORTALITY: 1851 to 1916.				YEARS.	INFANT MORTALITY: 1851 to 1916.					
	YEARS.	Live births.	DEATHS ¹ UNDER 1 YEAR.			YEARS.	Live births.	DEATHS ¹ UNDER 1 YEAR.			
			Num- ber.	Per 1,000 live births.				Per cent. of total deaths.	Num- ber.	Per 1,000 live births.	Per cent. of total deaths.
1851,	28,661	3,800	132.5	20.1	1884,	48,615	7,735	159.1	20.9		
1852,	29,802	3,750	125.8	20.3	1885,	48,790	7,626	156.3	20.0		
1853,	30,920	4,175	135.0	20.6	1886,	50,788	7,848	154.5	21.1		
1854,	31,997	4,188	130.9	19.6	1887,	53,174	8,514	160.1	20.9		
1855,	32,845	4,442	135.2	21.4	1888,	54,893	8,870	161.6	21.1		
1856,	34,445	4,226	122.7	20.4	1889,	57,075	9,105	159.5	21.8		
1857,	35,320	4,160	117.8	19.5	1890,	57,777	9,625	166.6	22.1		
1858,	34,491	4,197	121.7	20.2	1891,	63,004	10,186	161.7	22.5		
1859,	35,422	4,175	130.0	19.9	1892,	65,824	10,649	161.7	21.8		
1860,	36,051	4,821	133.7	20.9	1893,	67,192	10,990	163.6	22.4		
1861,	35,445	5,167	145.8	21.5	1894,	66,936	10,899	162.8	23.3		
1862,	32,275	4,216	130.6	18.4	1895,	67,545	10,564	156.4	22.2		
1863,	30,314	4,545	149.9	16.4	1896,	72,343	11,765	157.8	23.8		
1864,	30,449	4,693	154.1	16.3	1897,	73,205	10,751	146.9	22.7		
1865,	30,249	4,869	147.2	18.6	1898,	73,110	11,012	150.6	23.3		
1866,	34,085	4,699	137.9	19.9	1899,	70,457	10,532	149.5	22.1		
1867,	35,062	4,763	135.8	20.9	1900,	73,386	11,500	156.7	22.5		
1868,	36,193	5,421	149.8	21.2	1901,	71,976	9,952	138.3	20.6		
1869,	36,141	5,368	148.5	20.6	1902,	72,219	10,075	139.5	21.2		
1870,	38,259	6,206	162.2	22.7	1903,	73,584	10,269	138.3	20.9		
1871,	39,791	5,996	150.7	21.5	1904,	75,014	9,992	133.2	20.6		
1872,	43,235	8,390	194.1	24.0	1905,	75,022	10,519	140.2	20.8		
1873,	44,481	7,911	177.8	23.3	1906,	80,237	11,106	138.4	21.9		
1874,	45,631	7,489	164.1	23.5	1907,	85,001	11,293	132.9	20.9		
1875,	43,996	7,712	175.3	22.0	1908,	86,911	11,606	133.5	22.4		
1876,	42,149	6,700	158.4	20.2	1909,	84,039	10,693	127.2	20.9		
1877,	41,850	6,343	151.5	20.2	1910,	86,539	11,499	132.9	21.1		
1878,	41,238	6,189	150.1	19.8	1911,	88,327	10,543	119.4	19.9		
1879,	40,295	5,805	145.2	18.4	1912,	89,882	10,472	116.5	20.0		
1880,	44,217	7,190	162.6	20.3	1913,	91,644	10,086	110.1	18.9		
1881,	45,220	7,389	163.4	20.3	1914,	93,399	9,894	105.9	18.7		
1882,	45,670	7,438	162.9	20.2	1915,	93,155	9,490	101.9	17.9		
1883,	47,285	7,511	158.8	19.9	1916,	93,487	9,334	99.8	16.6		

¹ Exclusive of stillbirths.

Table 51 MUNICIPALITIES (Grouped in Order of Population).	Popu- lation, State census, April 1, 1915.	INFANT DEATHS ¹ PER 1,000 LIVE BIRTHS IN MUNICIPALITIES HAVING OVER 15,000 INHABITANTS: 1910 TO 1916.						
		1916.	1915.	1914.	1913.	1912.	1911.	1910.
The State.	3,693,310	100	102	106	110	117	119	133
OVER 100,000.								
Boston,	745,439	104	104	103	110	117	126	124
Worcester,	162,697	100	93	105	105	133	111	137
Fall River,	124,791	174	168	161	151	151	177	186
New Bedford,	109,568	139	143	150	143	156	148	180
Cambridge,	108,822	89	93	90	98	97	114	100
Lowell,	107,978	150	156	147	151	184	189	231
Springfield,	102,971	94	89	95	104	102	102	126
50,000 to 100,000.								
Lynn,	95,803	85	80	95	82	112	102	100
Lawrence,	90,259	116	138	140	128	135	141	168
Somerville,	86,854	67	74	70	86	78	93	102
Brookton,	62,288	92	102	103	98	100	78	102
Holyoke, ²	60,816	198	169	178	200	163	183	213
25,000 to 50,000.								
Haverhill,	49,450	89	80	99	109	120	96	142
Malden,	48,907	66	54	95	59	84	76	90
Chelsea,	43,426	78	68	73	78	70	78	88
Newton,	43,113	62	77	58	84	76	93	84
Quincy,	40,674	72	76	75	108	82	102	103
Fitchburg,	39,656	79	29	81	111	105	89	105
Pittsfield,	39,607	74	89	102	106	100	107	124
Everett,	37,718	63	70	85	104	95	68	79
Salem,	37,200	102	79	103	133	121	129	123
Taunton,	36,161	156	158	123	148	171	157	212
Brookline,	33,490	39	52	—	—	—	—	69
Medford,	30,509	56	74	32	59	100	61	59
Waltham,	30,154	37	62	56	57	87	99	83
Chicopee,	30,138	126	138	137	138	177	151	165
Revere,	25,178	39	54	—	—	—	—	134
15,000 to 25,000.								
Gloucester,	24,478	109	75	80	97	109	111	99
Beverly,	22,959	71	84	68	79	50	111	88
North Adams,	22,035	65	69	117	76	113	106	101
Northampton,	21,654	73	90	125	95	92	107	101
Peabody (town),	18,625	82	81	—	—	—	—	106
Attleboro,	18,480	96	78	—	—	—	—	97
Westfield (town),	18,411	80	91	—	—	—	—	146
Leominster (town),	17,646	67	84	—	—	—	—	102
Melrose,	16,880	65	74	64	59	40	60	121
Watertown (town),	16,515	75	52	—	—	—	—	—
Woburn,	16,410	79	90	90	117	114	84	136
Gardner (town),	16,376	87	88	—	—	—	—	—
Framingham (town),	15,860	87	108	—	—	—	—	—
Newburyport,	15,311	113	78	38	58	46	105	119
Marlborough,	15,250	70	97	74	77	114	88	77

¹ Exclusive of stillbirths.² The high infant mortality rate in Holyoke is due to the location of a large infant hospital in that city.

Table 52

BIRTH RATES, DEATH RATES, NATURAL INCREASE,
INFANT MORTALITY RATES, AND SURVIVORSHIP, IN MUNICIPALITIES
HAVING OVER 15,000 INHABITANTS IN 1915: 1916.

MUNICIPALITIES (Grouped in Order of Population).	Births ¹ per 1,000 popula- tion.	Deaths ¹ per 1,000 popula- tion.	Natural increase per 1,000 popula- tion.	Deaths ¹ under 1 year per 1,000 births. ¹	SURVIVORS AT END OF FIRST YEAR OF LIFE.		
					Num- ber.	Per 1,000 popula- tion.	Per 1,000 births. ¹
The State.	24.8	14.9	9.9	99.8	84,153	22.3	900
OVER 100,000.							
Boston,	25.8	16.8	9.0	104.4	17,558	23.1	896
Worcester,	29.6	17.4	12.2	100.0	4,447	26.6	900
Fall River,	29.2	17.3	11.9	174.3	3,047	24.1	826
New Bedford,	31.0	16.1	14.9	138.7	3,012	26.7	861
Cambridge,	24.5	13.9	10.6	89.2	2,451	22.3	911
Lowell,	30.3	18.1	12.2	145.9	2,809	25.9	854
Springfield,	30.8	16.4	14.4	93.9	2,973	27.9	906
50,000 to 100,000.							
Lynn,	22.6	12.9	9.7	84.8	2,018	20.7	915
Lawrence,	31.0	14.6	16.4	116.1	2,504	27.4	884
Somerville,	22.4	12.1	10.3	66.6	1,864	20.9	933
Brockton,	23.1	12.3	10.8	91.8	1,336	21.0	908
Holyoke,	26.0	17.6	8.4	197.6	1,283	20.8	803
25,000 to 50,000.							
Haverhill,	24.2	14.2	10.0	88.8	1,118	22.0	911
Malden,	20.1	11.6	8.5	65.5	941	18.8	934
Chelsea,	32.3	14.5	17.8	77.9	1,374	29.7	922
Newton,	19.9	10.7	9.2	61.7	821	18.7	938
Quincy,	24.9	10.4	14.5	72.4	987	23.1	928
Fitchburg,	32.4	13.4	19.0	78.5	1,198	29.9	922
Pittsfield,	27.1	13.3	13.8	73.7	1,043	25.1	926
Everett,	24.4	10.2	14.2	63.4	887	22.9	937
Salem,	30.3	15.8	14.5	102.1	1,011	27.2	898
Taunton,	26.5	21.6	4.9	155.7	819	22.4	844
Brookline (town),	11.7	10.1	1.6	39.1	393	11.3	961
Medford,	22.3	10.9	11.4	55.5	681	21.0	945
Waltham,	22.0	11.5	10.5	37.0	650	21.1	963
Chicopee,	39.1	14.1	25.0	125.6	1,072	34.2	874
Revere,	24.1	7.0	17.1	38.6	623	23.1	961
15,000 to 25,000.							
Gloucester,	18.8	15.5	3.3	108.5	411	16.8	892
Beverly,	21.2	11.9	9.3	70.7	473	19.7	929
North Adams,	23.8	14.1	8.7	64.9	490	22.2	935
Northampton,	20.8	19.5	.3	73.4	429	19.3	927
Peabody (town),	30.7	12.7	18.0	82.4	546	28.2	918
Attleboro,	22.5	13.3	9.2	95.6	388	20.4	904
Westfield (town),	28.8	15.4	13.4	80.3	504	26.5	920
Leominster,	27.9	13.2	14.7	66.9	460	26.0	933
Melrose,	18.9	13.1	5.8	64.6	304	17.7	935
Watertown (town),	23.8	10.9	12.9	74.7	384	22.0	925
Woburn,	22.9	12.9	10.0	78.5	352	21.1	921
Gardner (town),	26.1	13.1	13.0	86.8	400	23.8	913
Framingham (town),	27.6	16.5	11.1	87.3	418	25.2	913
Newburyport,	23.0	15.4	7.6	113.0	314	20.4	887
Marlborough,	22.2	13.4	8.8	70.2	318	20.6	930

¹ Exclusive of stillbirths.

YEARS.	INFANT MORTALITY IN MASSACHUSETTS, BOSTON, AND THE REMAINDER OF THE STATE OUTSIDE BOSTON: 1908 to 1916.								
	MASSACHUSETTS.			BOSTON.			REMAINDER OF STATE OUTSIDE BOSTON.		
	Live births.	DEATHS UNDER 1 YEAR.		Live births.	DEATHS UNDER 1 YEAR.		Live births.	DEATHS UNDER 1 YEAR.	
		Num- ber.	Per 1,000 live births.		Num- ber.	Per 1,000 live births.		Num- ber.	Per 1,000 live births.
1908, . . .	86,911	11,606	133.5	18,359	2,732	148.8	68,552	8,874	129.4
1909, . . .	84,039	10,693	127.2	17,584	2,129	121.1	66,455	8,564	128.9
1910, . . .	86,539	11,499	132.9	17,672	2,252	127.4	68,867	9,247	134.3
1911, . . .	88,327	10,543	119.4	17,844	2,242	125.6	70,483	8,301	117.8
1912, . . .	89,882	10,472	116.5	18,745	2,192	116.9	71,137	8,280	116.4
1913, . . .	91,644	10,086	110.1	19,101	2,109	110.4	72,543	7,977	110.0
1914, . . .	93,399	9,894	105.9	19,467	2,011	105.2	73,932	7,883	106.6
1915, . . .	93,155	9,490	101.9	19,713	2,047	103.8	73,442	7,443	101.3
1916, . . .	93,487	9,334	99.8	19,604	2,046	104.4	73,883	7,288	98.6

Table 54		SURVIVORS AT END OF FIRST YEAR OF LIFE.		YEARS.		SURVIVORS AT END OF FIRST YEAR OF LIFE.	
		Per 1,000 popu- lation.	Per 1,000 live births.			Per 1,000 popu- lation.	Per 1,000 live births.
YEARS.							
1851,	.	24.3	867	1884,	.	21.4	841
1852,	.	24.9	874	1885,	.	21.2	843
1853,	.	24.9	865				
1854,	.	25.2	869	1886,	.	21.5	845
1855,	.	25.1	865	1887,	.	21.7	840
				1888,	.	21.8	838
1856,	.	26.2	877	1889,	.	22.0	840
1857,	.	26.6	882	1890,	.	21.5	833
1858,	.	25.4	878				
1859,	.	25.8	870	1891,	.	23.1	838
1860,	.	25.4	866	1892,	.	23.6	838
				1893,	.	23.5	834
1861,	.	24.5	854	1894,	.	22.9	833
1862,	.	22.5	869	1895,	.	22.8	844
1863,	.	20.5	850				
1864,	.	20.4	846	1896,	.	23.7	842
1865,	.	20.0	853	1897,	.	23.9	853
				1898,	.	23.2	849
1866,	.	22.6	862	1899,	.	21.9	850
1867,	.	22.7	864	1900,	.	22.1	843
1868,	.	22.3	860				
1869,	.	21.7	851	1901,	.	21.8	862
1870,	.	22.0	838	1902,	.	21.5	860
				1903,	.	21.6	862
1871,	.	22.6	849	1904,	.	21.9	867
1872,	.	22.7	806	1905,	.	21.4	860
1873,	.	23.3	822				
1874,	.	23.7	836	1906,	.	22.3	862
1875,	.	22.0	825	1907,	.	23.3	867
				1908,	.	23.3	866
1876,	.	21.1	842	1909,	.	22.2	873
1877,	.	20.8	848	1910,	.	22.2	867
1878,	.	20.3	850				
1879,	.	19.6	855	1911,	.	22.6	881
1880,	.	20.8	837	1912,	.	22.6	883
				1913,	.	22.8	890
1881,	.	20.9	837	1914,	.	22.9	894
1882,	.	20.7	837	1915,	.	22.7	898
1883,	.	21.2	841	1916,	.	22.3	900

De- tailed Int. List No.	Table 55 CAUSES.	INFANT DEATHS PER 1,000 LIVE BIRTHS, BY CAUSES: 1910 TO 1916.						
		1916.	1915.	1914.	1913.	1912.	1911.	1910.
	All Causes.	99.8	101.9	105.9	110.1	116.5	119.4	132.9
	Developmental and wasting diseases.*	33.1	37.6	40.3	41.0	44.6	41.2	42.5
151a	Premature birth,*	17.9	25.5	31.8	—	—	—	—
150	Congenital malformations,*	6.9	7.1	6.0	6.2	6.7	4.7	3.5
151b	Congenital debility, etc.,*	8.3	5.0	2.5	—	—	—	—
104	Diarrhea and enteritis,*	22.4	23.6	26.9	28.3	31.0	33.0	38.2
91	Broncho-pneumonia,*	10.7	11.5	15.6	11.8	9.6	8.3	8.0
92a	Lobar pneumonia,*	3.9	3.6	3.2	2.8	2.0	6.2	7.9
71	Convulsions,	1.3	1.7	2.1	1.7	2.3	2.6	3.2
89, 90	Bronchitis,*	2.8	2.9	2.6	2.9	3.2	3.6	4.8
8	Whooping cough,*	2.2	1.8	1.6	1.6	1.6	2.2	1.4
61	Meningitis,	1.2	1.4	1.5	1.8	2.1	2.3	2.6
30	Tuberculous meningitis,	1.1	1.1	1.0	1.3	1.1	1.4	1.2
37	Syphilis,	1.0	1.0	1.0	.9	.9	.9	.9
92b	Pneumonia, undefined,	.5	.8	1.2	1.5	5.1	—	—
63a	Acute anterior poliomyelitis,	.5	—	—	—	—	—	—
	All other causes,	19.1	14.6	8.9	14.4	13.0	17.7	22.2

Table 56

MONTHS.	DEATHS UNDER 2 YEARS OF AGE FROM DIARRHEA AND ENTERITIS (104),* BY MONTHS: 1910 TO 1916.						
	1916.	1915.	1914.	1913.	1912.	1911.	1910.
The Year.	2,391	2,532	2,843	2,958	3,180	3,275	3,744
January,	91	69	79	97	55	83	64
February,	68	74	90	87	61	46	62
March,	84	70	86	90	96	104	77
April,	77	78	102	109	99	128	70
May,	101	66	108	88	99	92	100
June,	69	90	135	141	135	144	247
July,	261	303	362	493	638	778	1,009
August,	640	629	679	771	771	944	982
September,	511	604	612	595	648	530	631
October,	259	326	345	291	355	237	334
November,	130	126	162	117	141	108	114
December,	100	97	83	79	82	81	54
PER CENT. DISTRIBUTION.							
The Year.	100.0	100.0	100.0	100.0	100.0	100.0	100.0
January,	3.8	2.7	2.8	3.3	1.7	2.5	1.7
February,	2.8	2.9	3.2	2.9	1.9	1.4	1.7
March,	3.5	2.8	3.0	3.0	3.0	3.2	2.1
April,	3.2	3.1	3.6	3.7	3.1	3.9	1.9
May,	4.2	2.6	3.8	3.0	3.1	2.8	2.7
June,	2.9	3.5	4.8	4.8	4.2	4.4	6.6
July,	10.9	12.0	12.7	16.7	20.1	23.8	26.9
August,	26.8	24.8	23.9	26.1	24.3	28.8	26.2
September,	21.4	23.9	21.5	20.1	20.4	16.2	16.8
October,	10.8	12.9	12.1	9.8	11.2	7.2	8.9
November,	5.4	5.0	5.7	3.9	4.4	3.3	3.1
December,	4.2	3.8	2.9	2.7	2.6	2.5	1.4

Table 57		DEATHS ¹ FROM IMPORTANT CAUSES ² FOR								
		All causes.	GASTRIC AND IN- TESTINAL DISEASES. ³			RESPIRATORY DISEASES. ⁴				Malformations. (150)
			Total.	Diseases of the stomach. (102, 103)	Diarrhea and enteritis. (104)	Total.	Acute bronchitis. (89)	Broncho-pneumonia. (91)	Pneumonia. (92)	
Line No.	AGE AT DEATH.									
1	Under 1 Year.	9,334	2,215	125	2,090	1,607	196	999	412	647
2	Under 1 month,	3,939	264	34	230	214	34	131	49	502
3	Less than 1 week,	2,711	46	13	33	42	5	22	15	378
4	Less than 1 day,	1,310	3	—	3	2	—	—	2	127
5	1 day but less than 2, . . .	442	5	2	3	7	—	5	2	78
6	2 days but less than 3, . .	339	4	3	1	8	1	5	2	57
7	3 days but less than 7, . .	620	34	8	26	25	4	12	9	116
8	1 week but less than 2, . .	330	32	6	26	40	4	29	7	41
9	2 weeks but less than 3, . .	414	82	8	74	54	10	32	12	41
10	3 weeks but less than 1 month,	484	104	7	97	78	15	48	15	42
11	1 month but less than 2, . .	818	244	21	223	169	21	106	42	54
12	2 months but less than 3, . .	667	261	15	246	136	19	88	29	20
13	3 months but less than 6, . .	1,597	653	32	621	395	49	236	110	36
14	6 months but less than 9, . .	1,238	462	16	446	357	46	218	93	24
15	9 months but less than 12, .	1,075	331	7	324	336	27	220	89	11
PER CENT. DISTRIBUTION.										
16	Under 1 Year.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
17	Under 1 month,	42.2	11.9	26.8	11.0	13.3	17.3	13.1	11.9	77.6
18	Less than 1 week,	29.0	2.1	10.2	1.6	2.6	2.6	2.2	3.6	58.4
19	Less than 1 day,	14.0	.1	—	.1	.1	—	—	.5	19.7
20	1 day but less than 2, . . .	4.7	.2	1.6	.1	.4	—	.5	.5	12.1
21	2 days but less than 3, . .	3.6	.2	2.4	—	.5	.5	.5	.5	8.8
22	3 days but less than 7, . .	6.6	1.5	6.3	1.2	1.6	2.0	1.2	2.2	17.8
23	1 week but less than 2, . .	3.5	1.4	3.9	1.2	1.6	2.0	2.9	1.7	6.3
24	2 weeks but less than 3, . .	4.4	3.7	6.3	3.5	3.6	5.1	3.2	2.9	6.3
25	3 weeks but less than 1 month,	5.2	4.7	6.3	4.6	5.5	7.7	4.8	3.7	6.3
26	1 month but less than 2, . .	8.8	11.0	16.5	10.7	10.5	10.7	10.5	10.2	8.4
27	2 months but less than 3, . .	7.1	11.8	11.8	11.8	8.5	9.7	8.7	7.0	3.1
28	3 months but less than 6, . .	17.1	29.5	26.8	29.7	24.7	25.0	23.6	26.7	5.6
29	6 months but less than 9, . .	13.3	20.8	12.6	21.3	22.1	23.5	21.7	22.6	3.7
30	9 months but less than 12, .	11.5	14.9	5.5	15.5	20.9	13.8	22.0	21.6	1.7

¹ Exclusive of stillbirths.

² These are the causes of death or groups of causes which are most important at this age. The numbers of the Detailed International List are shown in full face type to facilitate their identification. In order to make the discussion of the figures easier, these causes of death have been classified in 8 groups.

³ The term "gastric and intestinal diseases," as used in this table, includes, as above shown, only the diseases of this type which are the most important among infants; i.e., diseases of the stomach, diarrhea, and enteritis. It does not include all "diseases of the digestive system" as classified under this heading in the Detailed International List.

CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE IN MASSACHUSETTS: 1916.

Line No.	EARLY INFANCY.				External causes. (155-186)	EPIDEMIC DISEASES. ⁵					Unknown or ill-defined diseases.	OTHER DISEASES.			
	Total.	Premature birth. (151a)	Congenital debility. (151b)	Injuries at birth. (152a)		Measles. (6)	Whooping cough. (8)	Tuberculosis -- all forms. (28-35)	Syphilis. (37)	Other.		Meningitis. (61)	Convulsions. (71)	Organic diseases of the heart. (79)	Other.
1	2,769	1,673	773	323	95	115	207	199	95	187	65	110	126	63	834
2	2,343	1,582	448	313	33	1	16	8	28	33	11	17	58	22	389
3	1,925	1,341	307	277	20	-	1	1	12	7	4	9	33	11	222
4	1,080	809	119	152	13	-	-	-	3	-	2	1	2	5	72
5	320	228	47	45	2	-	1	-	2	-	1	1	3	2	22
6	215	128	52	35	3	-	-	-	3	-	1	3	8	-	37
7	310	176	89	45	2	-	-	1	4	7	1	5	20	4	91
8	166	102	46	18	2	-	-	2	3	5	-	3	11	-	25
9	135	74	48	13	6	1	3	3	2	12	2	3	7	8	55
10	117	65	47	5	5	-	12	2	11	9	5	2	7	3	87
11	162	60	95	7	12	2	21	6	24	32	4	8	7	5	68
12	101	16	84	1	10	2	20	8	10	19	8	7	6	3	56
13	114	14	98	2	17	16	47	46	23	30	24	27	26	15	128
14	38	1	37	-	10	41	49	65	6	32	8	29	16	9	92
15	11	-	11	-	13	53	54	66	4	41	10	22	13	9	101

PER CENT. DISTRIBUTION.

16	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
17	84.6	94.6	58.0	96.9	34.0	.9	7.7	4.0	29.5	17.6	17.2	15.2	46.0	34.9	46.6
18	69.5	80.1	39.7	85.7	21.3	-	.5	.5	12.6	3.7	6.3	8.0	26.2	17.5	26.6
19	39.0	48.2	15.4	47.2	13.8	-	-	-	3.2	-	3.1	.9	1.6	7.9	8.6
20	11.6	13.6	6.1	13.7	2.1	-	.5	-	2.1	-	-	-	1.6	3.2	2.6
21	7.8	7.7	6.7	10.9	3.2	-	-	-	3.2	-	1.6	2.7	6.3	-	4.4
22	11.2	10.5	11.5	13.7	2.1	-	-	.5	4.3	3.7	1.6	4.5	15.8	6.4	10.9
23	5.9	6.1	6.0	5.6	1.1	-	-	1.0	3.2	2.7	-	2.7	8.7	-	3.0
24	4.8	4.4	6.2	4.0	9.4	.9	1.4	1.5	2.1	6.5	3.1	2.7	5.6	12.7	6.6
25	4.2	3.9	6.1	1.6	5.3	-	5.8	1.0	11.6	4.8	7.8	1.8	5.6	4.8	10.4
26	5.9	3.6	12.3	2.2	12.8	1.7	9.7	3.0	25.3	17.1	6.3	7.1	5.6	7.9	8.1
27	3.7	1.0	10.9	.3	10.6	1.7	9.7	4.0	10.5	10.2	12.5	6.3	4.8	4.8	6.7
28	4.1	1.0	12.6	.6	18.1	13.8	22.7	23.1	24.2	16.0	35.9	6.3	20.6	23.9	15.3
29	1.4	.1	4.8	-	10.6	35.3	23.7	32.7	6.4	17.1	12.5	24.1	12.7	14.3	11.0
30	.4	-	1.4	-	13.8	46.6	26.1	33.2	4.3	21.9	15.6	19.6	10.3	14.3	12.1

⁴ The term "respiratory diseases," as used in this table, includes only those of the respiratory diseases which are most important among infants; *i.e.*, acute bronchitis, broncho-pneumonia, and pneumonia. It does not include all "diseases of the respiratory system" as classified under this heading in the Detailed International List.

⁵ The term "epidemic diseases," as used in this table, includes only those of this group which are most important among infants.

Line No.	Table 57	AGE AT DEATH.	DEATHS ¹ FROM IMPORTANT CAUSES ² FOR								
			All causes.	GASTRIC AND IN- TESTINAL DISEASES. ³			RESPIRATORY DISEASES. ⁴				Malformations. (150)
				Total.	Diseases of the stomach. (102, 103)	Diarrhea and enteritis. (104)	Total.	Acute bronchitis. (89)	Broncho-pneumonia. (91)	Pneumonia. (92)	
31	Under 1 Year.	100.0	23.7	1.3	22.4	17.2	2.1	10.7	4.4	6.9	
32	Under 1 month, . . .	100.0	6.7	.9	5.8	5.4	.9	3.3	1.2	12.8	
33	Less than 1 week, . . .	100.0	1.7	.5	1.2	1.5	.2	.8	.6	13.9	
34	Less than 1 day, . . .	100.0	.2	—	.2	.2	—	—	.2	9.7	
35	1 day but less than 2, . .	100.0	1.1	.5	.7	1.6	—	1.1	.5	17.6	
36	2 days but less than 3, . .	100.0	1.2	.9	.3	2.4	.3	1.5	.6	16.8	
37	3 days but less than 7, . .	100.0	5.5	1.3	4.2	4.0	.6	1.9	1.5	18.5	
38	1 week but less than 2, . .	100.0	9.7	1.8	7.9	12.1	1.2	8.8	2.1	12.4	
39	2 weeks but less than 3, . .	100.0	19.8	1.9	17.9	13.0	2.4	7.7	2.7	9.9	
40	3 weeks but less than 1 month,	100.0	21.3	1.4	20.0	16.1	3.1	9.9	3.1	8.7	
41	1 month but less than 2, . .	100.0	29.8	2.6	27.2	20.6	2.6	12.9	5.1	6.6	
42	2 months but less than 3, . .	100.0	39.1	2.2	36.9	20.4	2.8	13.2	4.3	3.0	
43	3 months but less than 6, . .	100.0	41.5	2.0	38.9	24.7	3.1	14.8	6.9	2.3	
44	6 months but less than 9, . .	100.0	37.3	1.3	36.0	28.7	3.7	17.6	7.4	1.9	
45	9 months but less than 12, . .	100.0	30.8	.7	30.1	31.3	2.5	20.5	8.3	1.0	

¹ Exclusive of stillbirths.

² These are the causes of death or groups of causes which are most important at this age. The numbers of the Detailed International List are shown in full face type to facilitate their identification. In order to make the discussion of the figures easier, these causes of death have been classified in 8 groups.

³ The term "gastric and intestinal diseases," as used in this table, includes, as above shown, only the diseases of this type which are the most important among infants; *i.e.*, diseases of the stomach, diarrhea, and enteritis. It does not include all "diseases of the digestive system" as classified under this heading in the Detailed International List.

CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE IN MASSACHUSETTS: 1916.

Line No.	EARLY INFANCY.				External causes. (155-186)	EPIDEMIC DISEASES. ⁵					Unknown or ill-defined diseases.	OTHER DISEASES.			
	Total.	Premature birth. (151a)	Congenital debility. (151b)	Injuries at birth. (152a)		Measles. (6)	Whooping cough. (8)	Tuberculosis — all forms. (28-35)	Syphilis. (37)	Other.		Meningitis. (61)	Convulsions. (71)	Organic diseases of the heart. (79)	Other.
31	29.6	17.9	8.3	3.4	1.0	1.2	2.2	2.1	1.0	2.0	.7	1.2	1.3	.7	9.0
32	59.5	40.1	11.4	7.9	.8	1-	.4	.2	.7	.8	.3	.4	1.5	.6	9.8
33	70.9	49.5	11.3	11.5	.7	-	1-	1-	.4	1.2	.3	.6	1.2	.4	8.2
34	82.4	61.8	9.1	11.6	1.0	-	-	-	.2	-	.2	.1	.2	.4	5.5
35	72.4	51.6	10.6	10.2	.5	-	.2	-	.5	-	-	-	.7	.5	5.0
36	63.4	37.8	15.3	10.3	.9	-	-	-	.9	-	.3	.9	2.4	-	10.9
37	50.0	28.4	14.4	7.3	.3	-	-	.2	.6	1.1	.2	.8	3.2	.6	14.8
38	50.3	30.9	13.9	5.5	.6	-	-	.6	1.0	1.6	-	1.0	3.5	-	7.6
39	32.4	18.1	11.7	3.1	1.4	.2	.7	.7	.5	2.9	.5	.7	1.7	1.9	13.3
40	24.2	13.4	9.7	1.0	1.0	-	2.5	.4	2.3	1.9	1.0	.4	1.4	.6	18.0
41	18.8	7.3	11.6	.9	1.5	.2	2.6	.7	3.0	3.9	.4	1.0	.9	.6	8.3
42	15.1	2.4	12.6	.1	1.5	.3	3.0	1.2	1.5	2.8	1.2	1.0	.9	.4	8.4
43	7.1	.9	6.1	.1	1.6	1.0	2.9	2.9	1.4	1.9	1.4	1.7	1.6	.9	8.0
44	3.1	.1	3.0	-	.8	3.3	4.0	5.3	.5	2.6	.6	2.5	1.3	.7	7.4
45	1.0	-	1.0	-	1.2	4.9	5.0	6.1	.4	3.8	.9	2.0	1.2	.8	9.4

⁴ The term "respiratory diseases," as used in this table, includes only those of the respiratory diseases which are most important among infants; *i.e.*, acute bronchitis, broncho-pneumonia, and pneumonia. It does not include all "diseases of the respiratory system" as classified under this heading in the Detailed International List.

⁵ The term "epidemic diseases," as used in this table, includes only those of this group which are most important among infants.

Line No.	Table 58 AGE AT DEATH.	DEATHS ¹ FROM IMPORTANT CAUSES FOR CERTAIN SUBDIVISIONS							
		THE STATE.		BOSTON.		WORCESTER.		FALL RIVER.	
		Num- ber.	Per cent. distrib- ution.	Num- ber.	Per cent. distrib- ution.	Num- ber.	Per cent. distrib- ution.	Num- ber.	Per cent. distrib- ution.
1	Under 1 Year.	9,334	100.0	2,046	100.0	494	100.0	643	100.0
2	Under 1 month, . . .	3,939	42.2	873	42.6	236	47.8	190	29.5
3	Less than 1 week, . . .	2,711	29.0	613	30.0	173	35.0	116	18.0
4	Less than 1 day, . . .	1,310	14.0	303	14.8	109	22.1	59	9.2
5	1 day but less than 2, . . .	442	4.7	75	3.6	24	4.9	19	3.0
6	2 days but less than 3, . . .	339	3.6	80	4.0	12	2.4	10	1.6
7	3 days but less than 7, . . .	620	6.6	155	7.6	28	5.7	28	4.4
8	1 week but less than 2, . . .	330	3.5	97	4.7	22	4.5	31	4.8
9	2 weeks but less than 3, . . .	414	4.4	89	4.3	24	4.9	25	3.9
10	3 weeks but less than 1 month,	484	5.2	74	3.6	17	3.4	18	2.8
11	1 month but less than 2, . . .	818	8.8	182	8.9	32	6.5	45	7.0
12	2 months but less than 3, . . .	667	7.1	140	6.8	31	6.3	56	8.7
13	3 months but less than 6, . . .	1,597	17.1	324	15.8	76	15.4	152	23.6
14	6 months but less than 9, . . .	1,238	13.3	279	13.6	63	12.8	110	17.1
15	9 months but less than 12, . . .	1,075	11.5	248	12.2	56	11.3	90	14.0

¹ Exclusive of stillbirths.

OF THE FIRST YEAR OF LIFE IN CITIES HAVING 90,000 INHABITANTS OR MORE IN 1915: 1916.

Line No.	NEW BEDFORD.		CAMBRIDGE.		LOWELL.		SPRINGFIELD.		LYNN.		LAWRENCE.	
	Num-ber.	Per cent. distri-bution.	Num-ber.	Per cent. distri-bution.	Num-ber.	Per cent. distri-bution.	Num-ber.	Per cent. distri-bution.	Num-ber.	Per cent. distri-bution.	Num-ber.	Per cent. distri-bution.
1	485	100.0	240	100.0	480	100.0	308	100.0	187	100.0	329	100.0
2	160	33.0	101	42.5	176	36.7	162	52.6	106	56.7	100	30.4
3	99	20.4	75	31.3	108	22.5	113	36.7	75	40.1	74	22.5
4	48	9.9	34	14.2	55	11.5	66	21.4	2	1.1	23	7.0
5	18	3.7	9	3.8	16	3.3	16	5.2	48	25.7	21	6.4
6	15	3.1	13	5.4	7	1.5	11	3.6	12	6.4	12	3.6
7	18	3.7	19	7.9	30	6.3	20	6.5	13	7.0	18	5.5
8	20	4.1	12	5.0	27	5.6	19	6.2	12	6.4	8	2.4
9	21	4.3	8	3.3	25	5.2	15	4.9	13	6.9	9	2.7
10	20	4.1	6	2.5	16	3.3	15	4.9	6	3.2	9	2.7
11	45	9.3	22	9.2	36	7.5	21	6.8	12	6.4	22	6.7
12	42	8.7	13	5.4	33	6.9	20	6.5	8	4.3	21	6.4
13	99	20.4	38	15.8	91	19.0	55	17.9	18	9.6	71	21.6
14	74	15.3	35	14.6	70	14.6	30	9.7	18	9.6	61	18.5
15	65	13.4	31	12.9	74	15.6	20	6.5	25	13.4	54	16.4

Table 59		DEATHS ¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.																	
		CAUSE OF DEATH.																	
Abridged Int. List No.		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.		
The State.		T	9,334	1,310	442	339	620	2,711	330	414	484	3,939	818	667	1,597	1,238	1,075		
		M	5,303	784	256	217	342	1,599	199	240	280	2,318	480	355	911	673	566		
		F	4,031	526	186	122	278	1,112	131	174	204	1,621	338	312	686	565	509		
5	Measles,	M	63	-	-	-	-	-	-	-	-	-	2	-	4	24	33		
		F	52	-	-	-	-	-	-	1	-	1	-	2	12	17	20		
6	Scarlet fever,	M	2	-	-	-	-	-	-	-	-	-	1	-	-	-	1		
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
7	Whooping cough, . . .	M	86	-	1	-	-	1	-	2	6	9	11	7	23	19	17		
		F	121	-	-	-	-	-	-	-	6	7	10	13	24	30	37		
8	Diphtheria and croup, .	M	20	-	-	-	-	-	-	2	-	2	1	2	3	4	8		
		F	13	-	-	-	-	-	-	-	1	1	1	1	2	2	6		
9	Influenza,	M	21	-	-	-	-	-	2	-	1	3	4	1	3	7	3		
		F	30	-	-	-	-	-	-	2	1	3	2	3	4	10	8		
12	Dysentery,	M	15	-	-	-	-	1	1	-	-	1	1	4	3	4	3		
		F	14	-	-	-	1	1	-	-	-	1	3	-	6	2	2		
12	Erysipelas,	M	35	-	-	-	-	-	1	3	5	9	11	5	3	1	6		
		F	27	-	-	-	-	-	1	3	1	5	9	3	5	2	3		
37	Tetanus,	M	6	-	-	-	3	3	1	1	-	3	-	-	-	-	1		
		F	3	-	-	-	2	2	-	1	-	-	-	-	-	-	-		
13	Tuberculosis of the lungs, .	M	29	-	-	-	-	-	-	-	-	-	-	2	4	11	12		
		F	16	-	-	-	-	-	-	-	1	1	2	-	4	3	6		
14	Tuberculous meningitis, .	M	54	-	-	-	1	1	1	-	-	2	2	1	16	21	12		
		F	48	-	-	-	-	-	1	3	1	5	-	3	10	16	14		
15	Other forms of tuberculosis, .	M	33	-	-	-	-	-	-	-	-	-	2	1	7	9	14		
		F	19	-	-	-	-	-	-	-	-	-	-	1	5	5	8		
37	Syphilis,	M	54	3	1	1	1	6	1	2	7	16	10	5	15	6	2		
		F	41	-	1	2	3	6	2	-	4	12	14	5	8	-	2		
17	Meningitis	M	57	-	-	2	2	4	1	1	7	7	4	3	16	16	11		
		F	53	1	-	1	3	5	2	2	1	10	4	4	11	13	11		
37	Convulsions,	M	78	1	3	5	12	21	6	4	4	35	4	4	21	7	7		
		F	48	1	-	3	8	12	5	3	3	23	3	2	5	9	6		
19	Organic diseases of the heart, .	M	32	5	2	-	3	10	-	6	2	18	2	1	7	3	1		
		F	31	-	-	-	1	1	-	2	1	4	3	2	8	6	8		
20	Acute bronchitis,	M	114	-	-	1	2	3	3	7	7	20	11	13	27	28	15		
		F	82	-	-	-	2	2	1	3	8	14	10	6	22	18	12		
22	Pneumonia,	M	246	1	1	2	7	11	6	6	7	30	27	17	67	58	47		
		F	166	1	1	-	2	4	1	6	8	19	15	12	43	35	42		
23	Broncho-pneumonia, . . .	M	561	-	2	1	4	7	25	17	27	76	62	52	133	121	117		
		F	438	-	3	4	8	15	4	15	21	55	44	36	103	97	103		
24	Diseases of the stomach, .	M	64	-	2	2	6	10	2	3	2	17	10	6	19	8	4		
		F	61	-	-	1	2	3	4	5	5	17	11	9	13	8	3		
25	Diarrhea and enteritis, . .	M	1,167	3	3	-	18	24	14	48	53	139	142	122	349	235	180		
		F	923	-	-	1	8	9	12	26	44	91	81	124	272	211	144		
33	Malformations,	M	343	62	43	40	62	207	25	22	18	272	26	9	18	12	6		
		F	304	65	35	17	54	171	16	19	24	230	28	11	18	12	5		
33	Premature birth,	M	989	496	130	82	90	798	64	39	32	933	38	10	7	1	-		
		F	684	313	98	46	86	543	38	35	33	649	22	6	7	-	-		
33/37	Congenital debility, . . .	M	465	74	30	33	57	194	32	30	25	281	58	49	52	18	7		
		F	308	45	17	19	32	113	14	18	22	167	37	35	46	19	4		
37	Injuries at birth,	M	190	88	24	25	22	159	11	10	4	184	3	1	2	-	-		
		F	133	64	21	10	23	118	7	3	1	129	4	-	-	-	-		
35	External causes,	M	53	9	2	-	1	12	-	4	2	18	6	3	11	8	7		
		F	42	4	-	3	1	8	2	2	3	15	6	7	6	2	6		
38	Diseases ill-defined or unknown,	M	43	1	-	1	1	3	-	1	3	7	3	7	13	5	8		
		F	22	1	-	-	-	1	-	1	2	4	1	1	11	3	2		
	All other causes,	M	483	41	12	22	49	124	4	32	74	234	40	30	88	47	44		
		F	351	31	10	15	42	98	21	23	13	155	28	26	40	45	57		

1 Exclusive of stillbirths.

Abridged Int. List No.	Table 59	CAUSE OF DEATH.	DEATHS ¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.															
			Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
		BOSTON.	T	2,046	303	75	80	155	613	97	89	74	873	182	140	324	279	248
			M	1,158	168	47	52	77	344	60	47	44	495	115	86	178	143	141
			F	888	135	28	28	78	269	37	42	30	378	67	54	146	136	107
5		Measles,	M	12	-	-	-	-	-	-	-	-	-	-	-	1	6	5
			F	6	-	-	-	-	-	-	-	-	-	-	-	2	1	3
6		Scarlet fever,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
			F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7		Whooping cough,	M	17	-	-	-	-	-	-	-	1	1	2	1	6	5	2
			F	25	-	-	-	-	-	-	-	3	3	2	1	3	7	9
8		Diphtheria and croup,	M	12	-	-	-	-	-	-	2	-	2	1	1	2	2	4
			F	5	-	-	-	-	-	-	-	1	1	1	1	1	1	2
9		Influenza,	M	3	-	-	-	-	-	1	-	1	2	-	-	-	1	-
			F	2	-	-	-	-	-	-	-	-	-	1	-	-	-	1
12		Dysentery,	M	5	-	-	-	-	-	-	-	-	-	-	2	1	1	1
			F	3	-	-	-	-	-	-	-	-	-	-	-	2	1	-
12		Erysipelas,	M	15	-	-	-	-	-	1	1	-	2	4	3	1	1	4
			F	11	-	-	-	-	-	2	-	-	2	4	1	3	-	1
37		Tetanus,	M	2	-	-	-	1	1	-	-	-	1	1	-	-	-	1
			F	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
13		Tuberculosis of the lungs,	M	12	-	-	-	-	-	-	-	-	-	-	1	2	5	4
			F	7	-	-	-	-	-	-	-	1	1	-	-	2	1	3
14		Tuberculous meningitis,	M	16	-	-	-	-	-	1	-	-	1	-	-	7	5	3
			F	14	-	-	-	-	-	1	1	-	2	-	1	1	7	3
15		Other forms of tuberculosis,	M	12	-	-	-	-	-	-	-	-	-	1	-	1	6	4
			F	6	-	-	-	-	-	-	-	-	-	-	-	2	2	2
37		Syphilis,	M	14	1	-	1	-	2	1	-	1	4	2	3	4	1	-
			F	9	1	1	1	3	6	-	-	-	6	1	1	1	-	-
17		Meningitis,	M	13	-	-	-	-	-	-	-	-	-	1	1	4	7	-
			F	17	-	-	-	1	1	-	-	-	1	3	1	5	5	2
37		Convulsions,	M	14	1	-	-	2	3	4	-	-	7	1	1	1	2	2
			F	8	-	-	-	1	1	2	-	-	3	1	1	-	2	1
19		Organic diseases of the heart,	M	12	3	2	-	-	6	-	3	-	9	1	1	-	2	-
			F	7	-	-	-	-	-	-	-	-	-	1	-	1	2	3
20		Acute bronchitis,	M	22	-	-	1	1	2	2	2	-	6	2	2	3	6	3
			F	17	-	-	-	-	1	1	1	-	3	5	2	4	1	2
22		Pneumonia,	M	48	1	-	1	1	3	1	1	2	7	5	2	7	17	10
			F	49	-	-	-	1	1	-	2	2	5	2	2	13	17	10
23		Broncho-pneumonia,	M	125	-	-	1	-	1	5	4	10	20	21	9	26	18	31
			F	107	-	-	1	2	3	4	3	4	14	10	7	30	24	22
24		Diseases of the stomach,	M	16	-	-	-	1	1	-	-	-	1	4	2	6	1	2
			F	13	-	-	-	-	-	-	-	-	-	3	3	1	4	2
25		Diarrhea and enteritis,	M	189	2	-	-	3	5	4	9	6	24	27	23	52	32	31
			F	147	-	-	1	2	3	2	7	5	17	10	14	44	41	21
33		Malformations,	M	69	10	9	6	16	41	5	5	5	56	7	2	2	1	1
			F	61	20	6	1	12	39	3	6	7	55	1	-	2	3	-
33		Premature birth,	M	222	103	21	24	22	170	17	4	7	198	14	6	3	1	-
			F	163	79	14	13	24	130	9	10	2	151	6	4	2	-	-
33/ 37		Congenital debility,	M	88	13	8	8	9	38	2	5	3	48	6	14	13	5	2
			F	61	6	1	1	10	18	5	5	1	29	5	10	14	2	1
37		Injuries at birth,	M	68	27	4	5	12	48	9	4	2	63	2	1	2	-	-
			F	53	24	6	4	14	48	2	1	-	51	2	-	-	-	-
35		External causes,	M	11	2	-	-	-	2	-	1	2	5	1	-	3	-	2
			F	8	1	-	1	-	2	-	1	-	3	1	2	-	-	2
38		Diseases ill-defined or unknown,	M	11	-	-	1	-	1	-	-	1	2	1	3	2	1	2
			F	6	1	-	-	-	1	-	-	-	1	-	-	2	2	1
		All other causes,	M	129	5	3	4	8	20	7	6	3	36	12	9	29	17	26
			F	82	3	-	5	8	16	5	5	3	29	9	3	12	13	16

¹ Exclusive of stillbirths.

Abridged Int. List No.	Table 59 CAUSE OF DEATH.	DEATHS ¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.												
		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.
	BROCKTON.	T	135	28	8	2	8	46	8	8	5	67	6	4
		M	81	18	4	2	3	27	3	6	4	40	2	4
		F	54	10	4	-	5	19	5	2	1	27	4	-
5	Measles,	M	2	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-
6	Scarlet fever,	M	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough,	M	1	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-
8	Diphtheria and croup,	M	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-
9	Influenza,	M	1	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	1	-	-
12	Dysentery,	M	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-
12	Erysipelas,	M	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-
37	Tetanus,	M	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs,	M	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis,	M	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-
15	Other forms of tuberculosis,	M	3	-	-	-	-	-	-	-	-	-	1	2
		F	-	-	-	-	-	-	-	-	-	-	-	-
37	Syphilis,	M	1	1	-	-	-	1	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-
17	Meningitis,	M	1	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-
37	Convulsions,	M	6	-	-	1	-	1	1	-	1	3	-	2
		F	-	-	-	-	-	-	-	-	-	-	-	1
19	Organic diseases of the heart,	M	3	-	-	-	1	1	-	1	1	3	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-
20	Acute bronchitis,	M	1	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-
22	Pneumonia,	M	8	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	1
22	Pneumonia,	M	8	-	-	-	-	-	-	-	-	-	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	1
23	Broncho-pneumonia,	M	6	-	-	-	-	-	-	1	-	1	1	2
		F	6	-	-	-	-	-	-	-	-	1	-	1
24	Diseases of the stomach,	M	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-
25	Diarrhea and enteritis,	M	10	-	-	-	1	1	1	-	-	3	1	3
		F	3	-	-	-	-	-	-	-	-	1	-	2
33	Malformations,	M	4	2	-	1	-	3	-	-	-	3	-	1
		F	4	-	-	-	3	-	-	-	-	3	-	-
33	Premature birth,	M	17	10	3	-	-	13	1	3	-	17	-	-
		F	17	7	3	-	2	12	3	1	-	16	1	-
33	Congenital debility,	M	6	3	1	-	-	4	-	-	-	5	-	-
		F	7	2	1	-	-	3	1	-	1	4	-	-
37	Injuries at birth,	M	1	1	-	-	-	1	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-
35	External causes,	M	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-
38	Diseases ill-defined or unknown,	M	3	1	-	-	-	1	-	-	-	1	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-
	All other causes,	M	9	1	-	-	1	2	-	-	1	3	1	3
		F	2	-	-	-	-	-	-	-	-	-	-	1

¹ Exclusive of stillbirths.

Table 59		DEATHS ¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.															
		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
Abridged Int. List No.	CAUSE OF DEATH.																
	CAMBRIDGE.	T	240	34	9	13	19	75	12	8	6	101	22	13	38	35	31
		M	126	20	4	8	9	41	7	5	4	57	15	8	17	14	15
		F	114	14	5	5	10	34	5	3	2	44	7	5	21	21	16
5	Measles,	M	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Scarlet fever,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	1	-	1	-	1
8	Diphtheria and croup,	M	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
9	Influenza,	M	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Dysentery,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Erysipelas,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Tetanus,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
14	Tuberculous meningitis,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
15	Other forms of tuberculosis,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Syphilis,	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Meningitis,	M	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
37	Convulsions,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	1	1	-	-	-	1	-	-	-	2	-
19	Organic diseases of the heart,	M	3	1	-	-	1	2	-	1	-	3	-	-	-	-	-
		F	2	-	-	-	1	-	-	-	-	-	-	-	1	-	1
20	Acute bronchitis,	M	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
22	Pneumonia,	M	6	-	-	-	-	-	-	-	-	-	-	3	1	1	-
		F	7	-	-	-	-	-	-	-	-	1	1	1	1	-	1
23	Broncho-pneumonia,	M	21	-	-	-	-	-	2	-	1	3	3	1	4	4	3
		F	18	-	-	-	-	-	-	1	-	1	1	2	5	4	6
24	Diseases of the stomach,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	4	-	-	-	-	-	-	1	-	1	1	-	2	-	-
25	Diarrhea and enteritis,	M	26	-	-	-	-	-	-	-	1	1	3	4	9	4	5
		F	26	-	-	-	-	-	1	-	1	2	3	2	6	10	3
33	Malformations,	M	14	1	3	2	2	8	1	1	-	10	2	-	-	1	1
		F	8	1	-	-	2	3	1	1	1	6	-	-	2	-	-
33	Premature birth,	M	21	14	-	3	2	19	-	1	1	21	-	-	-	-	-
		F	22	11	3	4	3	21	1	-	-	22	-	-	-	-	-
33) 37)	Congenital debility,	M	9	-	-	2	2	4	-	2	-	6	1	1	1	-	-
		F	7	1	2	1	2	6	-	-	-	6	-	-	-	1	-
37	Injuries at birth,	M	5	1	1	-	-	2	3	-	-	5	-	-	-	-	-
		F	3	1	-	-	1	2	1	-	-	3	-	-	-	-	-
35	External causes,	M	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Diseases ill-defined or unknown,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other causes,	M	10	2	-	1	2	5	1	-	1	7	2	-	-	1	-
		F	4	-	-	-	1	1	-	-	-	1	-	-	-	1	2

¹ Exclusive of stillbirths.

Table 59

DEATHS¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.

Abridged Int. List No.	CAUSE OF DEATH.	Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
	FALL RIVER.	T	643	59	19	10	28	116	31	25	18	190	45	56	152	110	90
		M	374	38	10	8	11	67	24	13	13	117	29	29	94	60	45
		F	269	21	9	2	17	49	7	12	5	73	16	27	58	50	45
5	Measles,	M	6	-	-	-	-	-	-	-	-	-	-	-	-	3	3
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
6	Scarlet fever,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough,	M	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	5	-	-	-	-	-	-	-	-	-	1	-	-	1	1
8	Diphtheria and croup,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Influenza,	M	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
12	Dysentery,	M	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	3	-	-	-	-	-	-	-	-	-	1	-	-	1	-
12	Erysipelas,	M	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Tetanus,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis,	M	3	-	-	-	-	-	-	-	-	-	-	-	-	2	1
		F	2	-	-	-	-	-	-	-	-	-	-	1	-	-	1
15	Other forms of tuberculosis,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
37	Syphilis,	M	5	-	-	-	-	-	-	-	1	1	-	1	3	-	-
		F	4	-	-	-	-	-	-	-	-	-	3	-	-	-	1
17	Meningitis,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
37	Convulsions,	M	7	-	-	1	1	2	-	-	1	3	-	1	-	2	1
		F	4	1	-	-	-	1	1	-	-	2	-	-	-	1	1
19	Organic diseases of the heart,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1
20	Acute bronchitis,	M	11	-	-	-	-	-	-	-	-	-	-	1	3	5	2
		F	5	-	-	-	-	-	-	-	1	-	-	-	1	2	1
22	Pneumonia,	M	15	-	-	-	-	-	2	-	-	1	-	1	1	7	3
		F	6	-	-	-	-	-	3	-	-	3	-	-	1	1	1
23	Broncho-pneumonia,	M	63	-	2	-	-	2	3	1	3	9	5	6	19	13	11
		F	41	-	-	-	-	-	-	2	-	2	3	3	11	10	12
24	Diseases of the stomach,	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	Diarrhea and enteritis,	M	122	-	-	-	1	1	3	7	5	16	11	11	48	17	19
		F	110	-	-	2	-	2	2	6	1	11	7	18	34	24	16
33	Malformations,	M	9	1	2	-	-	3	3	2	-	8	-	1	-	-	-
		F	11	2	3	-	3	8	1	1	-	10	-	-	-	1	-
33	Premature birth,	M	52	31	6	2	2	41	6	1	-	48	4	-	-	-	-
		F	25	14	4	1	5	24	1	-	-	25	-	-	-	-	-
33	Congenital debility,	M	24	2	-	-	3	5	4	-	2	11	4	3	3	2	1
		F	12	-	-	-	2	2	2	1	1	6	2	3	1	-	-
37	Injuries at birth,	M	7	2	-	3	1	6	1	-	-	7	-	-	-	-	-
		F	4	3	-	-	1	4	-	-	-	4	-	-	-	-	-
35	External causes,	M	4	-	-	-	-	-	1	1	-	2	1	-	1	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
38	Diseases ill-defined or unknown,	M	9	1	-	-	-	1	-	1	-	2	-	1	5	1	-
		F	6	-	-	-	-	-	-	-	1	1	-	1	2	1	1
	All other causes,	M	23	1	-	2	3	6	1	-	1	8	2	1	5	5	2
		F	21	1	2	1	4	8	-	-	-	8	-	-	2	5	6

¹ Exclusive of stillbirths.

Table 59			DEATHS ¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.															
Abridged Int. List No.	CAUSE OF DEATH.	Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.	
	HOLYOKE.	T	316	21	6	4	15	46	13	5	12	86	39	41	60	35	25	
		M	182	10	4	4	11	29	8	11	7	55	34	17	40	23	13	
		F	134	11	2	-	4	17	5	4	5	31	35	24	20	12	12	
5	Measles,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Scarlet fever,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Whooping cough,	M	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-	
		F	3	-	-	-	-	-	-	-	-	-	-	1	-	1	1	
8	Diphtheria and croup,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
9	Influenza,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Dysentery,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Erysipelas,	M	1	-	-	-	-	-	1	-	-	1	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	Tetanus,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	Tuberculosis of the lungs,	M	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Tuberculous meningitis,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
15	Other forms of tuberculosis,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	Syphilis,	M	6	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
		F	5	-	-	-	-	-	-	-	1	1	2	1	1	-	-	
17	Meningitis,	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
37	Convulsions,	M	1	-	-	-	1	1	-	-	-	1	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19	Organic diseases of the heart,	M	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	
		F	3	-	-	-	-	-	-	-	-	-	1	1	-	-	1	
20	Acute bronchitis,	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	Pneumonia,	M	11	-	-	-	-	-	-	-	-	-	2	1	4	1	3	
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
23	Broncho-pneumonia,	M	20	-	-	-	-	-	1	2	-	3	1	2	8	4	2	
		F	12	-	-	-	-	-	-	-	-	-	4	4	1	2	1	
24	Diseases of the stomach,	M	1	-	-	-	1	1	-	-	-	1	-	-	-	-	-	
		F	4	-	-	-	-	-	-	-	-	1	2	-	1	-	-	
25	Diarrhea and enteritis,	M	50	-	1	-	1	2	1	2	-	5	9	5	15	11	5	
		F	43	-	-	-	2	2	1	-	3	6	9	10	8	5	5	
33	Malformations,	M	15	-	-	-	2	4	-	-	1	5	7	1	2	-	-	
		F	13	3	-	-	-	3	-	-	-	3	7	2	1	-	-	
33	Premature birth,	M	17	8	2	2	1	13	1	1	1	16	1	-	-	-	-	
		F	17	8	2	-	1	11	2	1	1	15	2	-	-	-	-	
33	Congenital debility,	M	26	-	-	-	4	4	3	3	4	14	6	5	1	-	-	
37		F	10	-	-	-	-	1	1	-	-	2	5	1	1	1	-	
37	Injuries at birth,	M	3	1	-	-	1	2	-	-	-	2	1	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
35	External causes,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
38	Diseases ill-defined or unknown,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
	All other causes,	M	21	1	1	-	-	2	1	2	1	6	3	2	7	1	2	
		F	18	-	-	-	1	1	1	-	-	3	3	4	4	3	1	

¹ Exclusive of stillbirths.

Abridged Int. List No.

Table 59

DEATHS¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.

CAUSE OF DEATH.

		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
	LAWRENCE.	T	329	23	21	12	18	74	8	9	9	100	22	21	71	61	54
		M	183	11	16	7	5	39	5	6	7	57	15	11	42	27	31
		F	146	12	5	5	13	35	3	3	2	43	7	10	29	34	23
5	Measles,	M	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
		F	3	-	-	-	-	-	-	-	-	-	-	1	1	-	1
6	Scarlet fever,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough,	M	3	-	-	-	-	-	-	-	1	1	-	-	-	-	2
		F	4	-	-	-	-	-	-	-	-	-	1	-	-	1	2
8	Diphtheria and croup,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
9	Influenza,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
12	Dysentery,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
12	Erysipelas,	M	2	-	-	-	-	-	-	-	1	1	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Tetanus,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis,	M	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	1	2	-
15	Other forms of tuberculosis,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
37	Syphilis,	M	2	-	-	-	-	-	-	1	1	2	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Meningitis,	M	5	-	-	1	-	1	-	-	-	1	-	1	1	-	2
		F	5	-	-	1	1	2	-	-	-	2	-	1	1	-	1
37	Convulsions,	M	4	-	1	-	-	1	-	-	-	1	-	-	1	-	2
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
19	Organic diseases of the heart,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
20	Acute bronchitis,	M	2	-	-	-	-	-	1	-	-	1	1	-	-	-	-
		F	3	-	-	-	2	2	-	-	-	2	-	-	-	1	-
22	Pneumonia,	M	8	-	-	-	-	-	-	-	-	-	-	-	4	3	1
		F	7	-	-	-	-	-	-	-	-	-	-	-	6	7	1
23	Broncho-pneumonia,	M	23	-	-	-	1	1	1	-	-	2	1	-	7	6	7
		F	20	-	-	-	-	-	1	-	1	2	2	-	4	6	6
24	Diseases of the stomach,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	1	1	-	-	-	1	-	-	-	-	-
25	Diarrhea and enteritis,	M	67	-	-	-	-	-	1	4	2	7	8	5	27	12	8
		F	45	-	-	-	-	-	-	-	1	1	3	6	11	16	8
33	Malformations,	M	9	1	3	1	1	6	1	-	-	7	1	-	-	1	-
		F	11	1	-	1	5	7	2	1	-	10	-	-	-	-	-
33	Premature birth,	M	23	7	10	2	2	21	-	-	1	22	-	1	-	-	-
		F	11	5	3	1	1	10	-	1	-	11	-	-	-	-	-
33/37	Congenital debility,	M	8	2	-	-	1	3	-	-	-	3	2	1	2	-	-
		F	11	4	-	1	1	6	-	-	-	6	-	-	2	2	1
37	Injuries at birth,	M	3	-	1	2	-	3	-	-	-	3	-	-	-	-	-
		F	3	1	1	-	-	2	-	-	-	2	1	-	-	-	-
35	External causes,	M	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	Diseases ill-defined or unknown,	M	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other causes,	M	15	1	1	1	1	3	1	1	1	6	1	2	-	3	3
		F	11	1	1	1	2	5	-	-	-	5	-	1	2	2	1

¹ Exclusive of stillbirths.

Table 59			DEATHS ¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.															
Abridged Int. List No.	CAUSE OF DEATH.	Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.	
	LOWELL.	T	480	55	16	7	30	108	27	25	16	176	36	33	91	70	74	
		M	283	33	10	6	16	65	16	15	11	107	23	19	46	46	42	
		F	197	22	6	1	14	43	11	10	5	69	13	14	45	24	32	
5	Measles,	M	6	-	-	-	-	-	-	-	-	-	-	-	-	2	4	
		F	9	-	-	-	-	-	-	1	-	1	-	-	2	2	4	
6	Scarlet fever,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Whooping cough,	M	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	
		F	4	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
8	Diphtheria and croup,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
9	Influenza,	M	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Dysentery,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Erysipelas,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
37	Tetanus,	M	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	
		F	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	
13	Tuberculosis of the lungs,	M	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	Tuberculous meningitis,	M	6	-	-	-	-	-	-	-	-	-	-	-	1	2	3	
		F	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
15	Other forms of tuberculosis,	M	3	-	-	-	-	-	-	-	-	-	1	-	1	-	1	
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
37	Syphilis,	M	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	
		F	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	
17	Meningitis,	M	4	-	-	-	-	-	-	-	-	-	1	-	1	1	2	
		F	3	-	-	-	-	-	-	-	-	-	-	-	1	-	1	
37	Convulsions,	M	7	-	-	-	1	1	-	-	-	1	3	-	1	1	1	
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
19	Organic diseases of the heart,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	
20	Acute bronchitis,	M	13	-	-	-	-	-	1	-	-	1	-	1	5	2	4	
		F	9	-	-	-	-	-	-	1	-	1	-	1	2	2	3	
22	Pneumonia,	M	13	-	-	-	-	-	1	-	1	2	1	2	3	3	2	
		F	8	-	-	-	-	-	-	-	-	1	2	1	-	-	4	
23	Broncho-pneumonia,	M	18	-	-	-	-	-	1	-	2	3	-	1	5	4	5	
		F	12	-	-	-	1	1	-	-	-	1	1	2	1	3	4	
24	Diseases of the stomach,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	2	-	-	-	-	-	1	-	-	1	-	-	-	-	1	
25	Diarrhea and enteritis,	M	94	-	-	-	3	3	-	6	3	12	6	10	21	27	18	
		F	64	-	-	-	1	1	3	1	2	7	3	5	27	12	10	
33	Malformations,	M	17	5	1	3	-	9	4	1	-	14	1	1	1	-	-	
		F	11	-	1	-	3	4	1	1	-	6	2	-	1	1	1	
33	Premature birth,	M	34	19	5	2	1	27	3	-	2	32	2	-	-	-	-	
		F	24	13	2	1	4	20	-	-	3	23	-	1	-	-	-	
33/ 37	Congenital debility,	M	37	5	2	1	6	14	5	5	3	27	5	3	2	-	-	
		F	28	6	3	-	3	12	4	3	-	19	3	1	2	3	-	
37	Injuries at birth,	M	6	3	2	-	1	6	-	-	-	6	-	-	-	-	-	
		F	2	2	-	-	-	2	-	-	-	2	-	-	-	-	-	
35	External causes,	M	2	-	-	-	1	1	-	-	-	1	-	-	-	-	1	
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
38	Diseases ill-defined or unknown,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	All other causes,	M	16	1	-	-	3	4	1	1	-	6	1	1	5	2	1	
		F	11	1	-	-	1	2	2	2	-	6	-	2	2	-	-	

¹ Exclusive of stillbirths.

Abridged Int. List No.	Table 59	CAUSE OF DEATH.	DEATHS ¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS OF THE FIRST YEAR OF LIFE, FOR THE STATE AND FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.															
			Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
		LYNN.	T	187	2	48	12	13	75	12	13	6	106	12	8	18	18	25
			M	104	-	31	7	8	48	4	7	5	64	6	3	12	7	12
			F	83	-	17	5	5	27	8	6	1	42	6	5	6	11	13
5	Measles,	M	F	4	-	-	-	-	-	-	-	-	-	-	-	-	-	4
6	Scarlet fever,	M	F	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1
7	Whooping cough,	M	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Diphtheria and croup,	M	F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
9	Influenza,	M	F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
12	Dysentery,	M	F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
12	Erysipelas,	M	F	2	-	-	-	-	-	-	-	1	1	1	-	-	-	-
37	Tetanus,	M	F	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
13	Tuberculosis of the lungs,	M	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis,	M	F	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
15	Other forms of tuberculosis,	M	F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
37	Syphilis,	M	F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Meningitis,	M	F	1	-	-	-	-	-	-	-	1	1	-	-	-	-	-
37	Convulsions,	M	F	3	-	-	-	-	-	-	-	-	-	-	-	-	1	2
19	Organic diseases of the heart,	M	F	1	-	-	-	-	-	1	-	-	1	-	-	-	-	-
20	Acute bronchitis,	M	F	2	-	-	-	-	-	-	-	-	-	-	1	-	1	-
22	Pneumonia,	M	F	4	-	-	-	-	-	-	-	-	-	-	-	2	-	2
23	Broncho-pneumonia,	M	F	7	-	-	-	-	-	-	-	-	1	-	-	2	3	3
24	Diseases of the stomach,	M	F	6	-	-	-	-	-	-	-	-	-	1	-	-	3	-
25	Diarrhea and enteritis,	M	F	2	-	-	-	-	-	-	1	-	1	1	-	1	2	3
33	Malformations,	M	F	9	-	-	-	-	-	-	-	-	-	2	2	4	2	4
33	Premature birth,	M	F	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33		M	F	9	1	5	1	1	8	-	1	-	9	-	-	-	-	-
33		M	F	8	-	3	1	1	5	1	1	-	7	1	-	-	-	-
33		M	F	38	1	19	5	3	28	3	4	3	38	-	-	-	-	-
33		M	F	13	-	7	-	2	9	3	1	-	13	-	-	-	-	-
33/ 37	Congenital debility,	M	F	10	-	5	1	1	7	-	2	1	10	-	-	-	-	-
37		M	F	8	-	2	2	1	5	-	2	-	7	1	-	-	-	-
37	Injuries at birth,	M	F	3	-	1	-	1	2	1	-	-	3	-	-	-	-	-
35		M	F	8	-	4	2	1	7	1	-	-	8	-	-	-	-	-
35	External causes,	M	F	2	-	1	-	-	1	-	-	-	1	-	-	1	-	-
38		M	F	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
38	Diseases ill-defined or unknown.	M	F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		M	F	7	-	-	-	-	2	-	-	-	2	2	1	-	-	-
	All other causes,	M	F	9	-	1	-	-	1	2	1	-	4	1	2	-	2	-

¹ Exclusive of stillbirths.

Abridged Int. List No.

Table 59

DEATHS¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916,

CAUSE OF DEATH.

		Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
	NEW BEDFORD.	T	485	48	18	15	18	99	20	21	20	160	45	42	99	74	65
		M	281	33	8	9	8	58	11	14	11	94	27	27	55	45	33
		F	204	15	10	6	10	41	9	7	9	66	18	15	44	29	32
5	Measles,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-
6	Scarlet fever,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough,	M	5	-	-	-	-	-	-	-	-	-	-	-	-	3	2
		F	2	-	-	-	-	-	-	1	-	1	-	-	-	1	-
8	Diphtheria and croup,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Influenza,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Dysentery,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
12	Erysipelas,	M	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Tetanus,	M	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Tuberculous meningitis,	M	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	2	-
15	Other forms of tuberculosis,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	Syphilis,	M	2	-	-	-	-	-	-	-	1	1	-	-	-	-	1
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Meningitis,	M	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
37	Convulsions,	M	8	-	-	1	-	1	1	-	-	2	-	-	6	-	-
		F	4	-	-	-	1	1	-	-	-	1	-	-	1	1	1
19	Organic diseases of the heart,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Acute bronchitis,	M	5	-	-	-	-	-	-	-	1	1	1	2	1	-	-
		F	9	-	-	-	-	-	-	-	-	-	-	-	5	1	2
22	Pneumonia,	M	12	-	-	-	1	1	-	-	1	2	1	1	3	3	2
		F	8	-	-	-	-	-	-	-	-	-	-	-	4	3	1
23	Broncho-pneumonia,	M	34	-	-	-	-	-	2	-	1	3	3	4	9	8	7
		F	35	-	-	-	2	2	2	2	2	6	2	3	8	7	9
24	Diseases of the stomach,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
25	Diarrhea and enteritis,	M	96	-	-	-	-	-	3	3	4	10	15	11	26	24	10
		F	75	-	-	-	-	-	3	1	6	10	8	9	25	11	12
33	Malformations,	M	11	1	2	-	1	4	-	3	-	7	1	1	1	-	-
		F	5	-	-	1	1	3	1	-	-	4	-	-	-	-	-
33	Premature birth,	M	39	17	3	5	3	28	2	4	-	34	3	2	-	-	1
		F	28	11	6	1	6	24	3	1	-	28	3	-	-	-	-
33	Congenital debility,	M	28	11	2	2	1	16	1	4	2	23	2	2	1	-	-
		F	13	2	1	3	-	6	1	-	1	8	3	2	-	-	-
37	Injuries at birth,	M	4	2	1	1	-	4	-	-	-	4	-	-	-	-	-
		F	2	1	1	-	-	2	-	-	-	2	-	-	-	-	-
35	External causes,	M	3	-	-	-	-	-	-	-	-	-	-	-	2	-	-
		F	4	1	-	-	-	1	-	-	-	1	1	-	1	-	1
38	Diseases ill-defined or unknown.	M	5	-	-	-	-	-	-	-	-	-	-	1	-	1	3
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other causes,	M	19	2	-	-	2	4	2	-	1	7	1	3	4	-	4
		F	9	-	1	1	-	2	1	2	-	5	2	-	-	-	2

¹ Exclusive of stillbirths.

¹ Exclusive of stillbirths.

Abridged Int. List No.

Table 59

DEATHS¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.

CAUSE OF DEATH.

Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
SPRINGFIELD.															
T	308	66	16	11	20	113	19	15	15	162	21	20	55	30	20
M	185	40	8	7	10	65	11	10	9	95	14	9	40	17	10
F	123	26	8	4	10	48	8	5	6	67	7	11	15	13	10
5 Measles,	M 4	-	-	-	-	-	-	-	-	-	-	-	2	-	2
	F 1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
6 Scarlet fever,	M -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7 Whooping cough,	M -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F 1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
8 Diphtheria and croup,	M 1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9 Influenza,	M 1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 Dysentery,	M -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12 Erysipelas,	M 1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 Tetanus,	M -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13 Tuberculosis of the lungs,	M 1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14 Tuberculous meningitis,	M 2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
	F 1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
15 Other forms of tuberculosis,	M -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 Syphilis,	M 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17 Meningitis,	M -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37 Convulsions,	M 1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	F 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19 Organic diseases of the heart,	M 2	-	-	-	1	1	-	-	-	1	-	-	1	1	-
	F 2	-	-	-	-	-	-	-	-	-	-	-	-	1	1
20 Acute bronchitis,	M 2	-	-	-	-	-	-	1	-	1	-	-	-	-	-
	F 1	-	-	-	-	-	-	-	-	-	-	-	-	1	1
22 Pneumonia,	M 5	-	-	-	-	-	-	-	1	1	-	-	3	-	-
	F 2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
23 Broncho-pneumonia,	M 16	-	-	-	-	-	-	1	1	2	2	7	2	2	2
	F 12	-	-	1	-	1	-	-	1	2	2	1	3	2	2
24 Diseases of the stomach,	M 4	-	-	-	-	-	-	-	2	2	1	-	1	-	-
	F 1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
25 Diarrhea and enteritis,	M 44	-	-	-	1	1	1	-	2	4	8	2	16	9	5
	F 29	-	-	-	1	1	-	1	1	3	2	6	8	4	6
33 Malformations,	M 18	4	-	1	4	9	2	1	-	12	-	1	3	2	-
	F 13	3	2	-	3	8	-	-	1	11	1	-	1	-	-
33 Premature birth,	M 46	27	6	2	3	38	3	3	2	46	-	-	-	-	-
	F 35	17	5	3	3	28	3	2	1	34	1	-	-	-	-
37 Congenital debility,	M 12	1	1	1	-	3	3	2	-	8	1	1	2	-	-
	F 4	1	-	-	-	1	1	-	-	2	-	1	-	1	-
37 Injuries at birth,	M 4	1	1	1	-	3	-	1	-	4	-	-	-	-	-
	F 7	3	1	-	1	5	1	-	1	7	-	-	-	-	-
35 External causes,	M 2	-	-	-	-	-	1	-	-	1	1	-	-	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38 Diseases ill-defined or unknown,	M -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	F -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38 All other causes,	M 19	7	-	2	2	11	2	2	-	15	-	1	3	-	1
	F 11	2	-	-	1	3	2	-	1	6	1	1	1	1	1

¹ Exclusive of stillbirths.

Table 59

DEATHS¹ FROM IMPORTANT CAUSES, FOR CERTAIN SUBDIVISIONS
OF THE FIRST YEAR OF LIFE, FOR THE STATE AND
FOR CITIES HAVING 50,000 INHABITANTS OR MORE IN 1915: 1916.

Abridged Int. List No.	CAUSE OF DEATH.	Sex.	Total deaths under 1 year of age.	Less than 1 day.	1 day.	2 days.	3 but less than 7 days.	Less than 1 week.	1 week but less than 2.	2 weeks but less than 3.	3 weeks but less than 1 month.	Less than 1 month.	1 month but less than 2.	2 months but less than 3.	3 months but less than 6.	6 months but less than 9.	9 months but less than 12.
	WORCESTER.	T	494	109	24	12	28	173	22	24	17	236	32	31	76	63	56
		M	287	71	13	6	15	105	13	12	11	141	20	12	43	37	34
		F	207	38	11	6	13	68	9	12	6	95	12	19	33	26	22
5	Measles,	M	9	-	-	-	-	-	-	-	-	-	1	-	1	2	5
		F	11	-	-	-	-	-	-	-	-	-	-	-	2	4	5
6	Scarlet fever,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Whooping cough,	M	3	-	-	-	-	-	-	-	-	-	-	-	1	-	2
		F	3	-	-	-	-	-	-	-	-	-	1	1	1	-	-
8	Diphtheria and croup,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
9	Influenza,	M	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
		F	2	-	-	-	-	-	1	-	-	1	-	-	-	-	1
12	Dysentery,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Erysipelas,	M	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	4	-	-	-	-	-	-	1	-	1	1	1	1	-	-
37	Tetanus,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
14	Tuberculous meningitis,	M	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-
		F	5	-	-	-	-	-	-	-	-	-	-	1	1	2	1
15	Other forms of tuberculosis,	M	5	-	-	-	-	-	-	-	-	-	-	-	1	1	3
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
37	Syphilis,	M	3	-	-	-	1	1	-	1	-	2	-	-	1	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Meningitis,	M	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
		F	4	-	-	-	-	-	-	1	-	1	-	1	1	1	-
37	Convulsions,	M	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1
		F	4	-	-	-	-	-	1	-	-	1	-	1	1	1	-
19	Organic diseases of the heart,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
20	Acute bronchitis,	M	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		F	4	-	-	-	-	-	-	1	-	-	1	1	-	-	-
22	Pneumonia,	M	16	-	-	-	1	1	-	-	2	1	3	4	-	3	3
		F	8	-	-	-	-	-	-	-	-	-	1	-	1	2	4
23	Broncho-pneumonia,	M	24	-	-	-	-	-	1	-	1	2	1	1	7	9	4
		F	14	-	-	-	2	2	-	1	-	3	2	1	3	3	2
24	Diseases of the stomach,	M	4	-	-	-	-	-	-	-	-	1	1	1	1	1	-
		F	2	-	-	-	-	-	-	1	-	1	-	-	1	-	-
25	Diarrhea and enteritis,	M	63	-	-	-	-	-	1	4	4	9	6	6	16	13	13
		F	38	-	-	-	-	-	2	2	4	8	2	4	11	8	5
33	Malformations,	M	13	2	-	1	3	6	2	1	-	9	-	-	1	3	-
		F	12	3	2	-	1	6	1	-	-	7	-	3	2	-	-
33	Premature birth,	M	72	50	6	2	2	60	5	4	-	69	3	-	-	-	-
		F	46	21	8	3	6	38	3	3	-	44	-	1	1	-	-
33/37	Congenital debility,	M	19	7	2	1	2	12	1	-	1	14	2	2	1	-	-
		F	22	6	-	2	3	11	-	1	-	12	2	4	2	1	1
37	Injuries at birth,	M	12	7	4	1	-	12	-	-	-	12	-	-	-	-	-
		F	10	7	1	1	1	10	-	-	-	10	-	-	-	-	-
35	External causes,	M	6	2	-	-	-	2	-	-	-	2	1	-	3	-	-
		F	2	-	-	-	-	-	-	1	-	1	-	-	1	-	-
38	Diseases ill-defined or unknown,	M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other causes,	M	29	3	1	1	5	10	3	2	3	18	1	-	5	4	2
		F	12	1	-	-	-	1	2	1	-	4	-	1	3	2	1

¹ Exclusive of stillbirths.

Table 60

INFANT DEATHS¹ PER 1,000 LIVE BIRTHS IN FOREIGN COUNTRIES
AND IN MASSACHUSETTS: 1891 TO 1915.²

COUNTRIES.										
	1915.	1914.	1913.	1912.	1911.	1911 to 1915.	1906 to 1910.	1901 to 1905.	1896 to 1900.	1891 to 1895.
Australia, Commonwealth of, .	68	71	72	72	68	70	78	97	112	109
Austria,	-	-	-	180	207	-	202	215	226	-
Belgium,	-	-	-	120	167	-	141	148	158	164
Bulgaria,	-	-	-	-	156	-	161	148	143	140
Ceylon,	171	213	189	215	218	201	189	171	168	169
Chile,	-	286	255	255	332	-	315	306	333	336
Denmark,	95	98	94	93	106	97	108	119	132	138
England and Wales,	110	105	108	95	130	110	117	138	156	151
Finland,	-	104	113	109	114	-	117	131	139	145
France,	-	-	-	78	117	-	126	139	159	171
German Empire,	-	-	151	147	192	-	174	199	-	-
Hungary,	-	-	-	186	207	-	204	212	219	250
Ireland,	92	87	97	86	94	91	94	98	106	102
Italy,	-	-	137	130	153	-	153	168	168	185
Jamaica,	175	167	171	193	187	179	191	174	175	171
Japan,	-	-	150	153	157	-	157	154	153	147
Massachusetts,	102	106	110	117	119	111	133	138	152	161
The Netherlands,	87	95	91	87	137	99	114	136	151	165
New Zealand,	50	51	59	51	56	53	70	75	80	87
Norway,	68	-	65	68	65	-	70	81	96	98
Ontario, Province of,	102	103	117	110	117	110	127	114	-	-
Prussia,	-	-	-	146	188	-	168	190	201	205
Rumania,	-	187	202	186	197	-	-	-	261	276
Russia (European),	-	-	-	-	-	-	243 ³	256	261	-
Scotland,	126	111	110	105	112	113	112	120	129	126
Serbia,	-	-	-	-	146	-	154	149	159	172
Spain,	-	-	-	-	-	-	-	173	-	-
Sweden,	-	-	-	71	72	-	78	91	101	103
Switzerland,	-	-	96	94	123	-	115	134	143	155
United Kingdom,	110	104	108	95	125	108	114	132	149	-
United States,	-	-	-	-	-	124 ⁴	-	-	-	-

¹ Exclusive of stillbirths.

² Compiled from annual report of the Registrar-General of England and Wales, 1914.

³ Average for four years, 1906 to 1909.

⁴ Provisional birth registration area, 1910, comprising the New England States, Pennsylvania, Michigan, New York City, and Washington, D. C.

C. CAUSES OF DEATH.

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX												
			Total.	MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I.	ALL CAUSES.	T M F Un	56,366 29,536 26,823 7	3,088 3,035 — 1	2,680 2,522 — —	2,811 2,524 — —	2,413 2,310 — —	2,476 2,226 — —	2,115 1,835 — —	2,069 1,782 — 2	2,316 2,029 — 2	2,306 2,066 — 1	2,274 2,061 — 1	2,334 2,068 — —	2,654 2,365 — —
	GENERAL DISEASES.	T M F Un	14,111 7,028 7,083 —	739 762 — —	671 609 — —	686 641 — —	646 629 — —	648 626 — —	559 577 — —	506 546 — —	502 513 — —	519 573 — —	487 546 — —	498 464 — —	567 597 — —
	1 Typhoid fever,*	T M F	172 110 62	— 8 6	— 6 7	— 5 7	— 8 1	— 7 3	— 7 3	— 5 2	— 8 7	— 23 11	— 15 8	— 5 2	— 13 5
	2 Typhus fever,*	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
	3 Relapsing fever,	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
	4 Malaria,	T M F	4 1 3	— — —	— — —	— — —	— — 1	— — —	— 1 1	— — —	— — —	— — —	— — —	— — —	— — 1
	5 Smallpox,*	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
	6 Measles,*	T M F	392 205 187	— 12 12	— 12 14	— 15 14	— 22 25	— 38 30	— 41 28	— 27 28	— 13 17	— 5 7	— 3 4	— 3 2	— 14 6
	7 Scarlet fever,*	T M F	127 57 70	— 9 8	— 5 15	— 8 7	— 7 9	— 5 15	— 6 8	— 3 —	— 2 1	— 3 1	— 2 1	— 2 2	— 5 3
	8 Whooping cough,*	T M F	346 147 199	— 23 22	— 12 15	— 24 18	— 20 22	— 14 29	— 9 17	— 11 12	— 5 16	— 12 20	— 8 10	— 5 8	— 4 10
	9 Diphtheria and croup,*	T M F	629 324 305	— 48 31	— 34 30	— 36 27	— 26 27	— 23 24	— 20 15	— 15 23	— 15 12	— 19 18	— 27 23	— 33 34	— 28 41
	10 Influenza,	T M F	539 236 303	— 106 129	— 57 56	— 22 40	— 8 20	— 9 12	— 4 8	— 3 3	— 1 4	— 1 1	— 6 10	— 6 10	— 19 14
	11 Miliary fever,	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
	12 Asiatic cholera,*	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
	13 Cholera nostras,	T M F	1 1 —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— 1 —	— — —	— — —	— — —	— — —
	14 Dysentery,	T M F	83 41 42	— — 1	— 1 —	— — —	— 1 2	— 2 1	— 1 1	— 5 3	— 13 16	— 11 12	— 3 1	— 2 4	— 2 1
	15 Plague,*	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —

* Acceptable statement of cause of death without autopsy. See pages 263-267.

C. CAUSES OF DEATH.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916.

[illegible]

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX												
			Total.	MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I.	GENERAL DISEASES — Con.														
16	Yellow fever,*	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
17	Leprosy,*	T M F	2 2 —	— — —	— — —	— — —	— — —	— — —	1 — —	— — —	1 — —	— — —	— — —	— — —	— — —
18	Erysipelas,*	T M F	232 142 90	16 12	17 9	19 13	23 13	19 9	16 12	7 5	7 3	3 3	2 3	6 2	7 6
19	Other epidemic diseases, .	T M F	11 4 7	— — 1	— — —	— 1 —	— — 1	— 1 1	— — 1	— 2 —	— — —	— — —	— — —	2 — —	— 1 —
20	Purulent infection and septi- cemia,	T M F	178 112 66	— 14 12	— 10 5	— 16 10	— 22 5	— 10 7	— 9 4	— 10 3	— 6 4	— 5 2	— 4 7	— 4 4	— 2 3
21	Glanders,	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
22	Anthrax,	T M F	5 5 —	— — —	— — —	— 2 —	— 1 —	— — —	— 1 —	— — —	— — —	— — —	— — —	— — —	— 1 —
23	Rabies,	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
24	Tetanus,	T M F	31 23 8	— 4 —	— 1 —	— 4 —	— 2 —	— 1 1	— 2 1	— 2 1	— 1 2	— 2 2	— 2 —	— — 1	— 2 —
25	Mycoses,	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
26	Pellagra,*	T M F	37 11 26	— — —	— 1 1	— — 3	— — 3	— 1 1	— 1 2	— 2 1	— 1 5	— 2 2	— 2 2	— 1 5	— — 1
27	Beriberi,*	T M F	1 1 —	— — —	— — —	— — —	— — —	— — —	— 1 —	— — —	— — —	— — —	— — —	— — —	— — —
28-35	Tuberculosis (total), . . .	T M F	5,422 3,192 2,230	— 280 211	— 315 194	— 325 205	— 297 211	— 311 193	— 255 191	— 238 178	— 227 161	— 235 186	— 217 166	— 226 154	— 266 180
28	Tuberculosis of the lungs,*	T M F	4,467 2,654 1,813	— 219 193	— 270 163	— 280 163	— 250 171	— 255 153	— 213 140	— 200 140	— 185 124	— 185 151	— 172 137	— 193 122	— 232 156
29	Acute miliary tuberculosis,	T M F	108 64 44	— 5 4	— 6 2	— 5 3	— 7 2	— 5 8	— 2 5	— 5 2	— 7 6	— 6 3	— 3 5	— 6 2	— 7 2
30	Tuberculous meningitis, .	T M F	453 256 197	— 27 9	— 13 13	— 26 20	— 22 27	— 34 16	— 22 25	— 15 22	— 16 15	— 28 16	— 20 12	— 14 14	— 19 8

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
18	35 27	1 1	-	-	-	-	1	2	4 2	14 5	15 10	31 6	20 10	17 16	3 10	-	-	-
19	1 3	1 1	1	-	1	1	-	-	-	-	1	-	-	1	-	-	-	-
20	15 13	1 2	2 1	1	- 4	2 3	2 5	5	7 5	13 4	13 7	23 6	16 8	8 4	4 4	-	-	-
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	1	3	1	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	6 3	2	-	-	-	2 1	2 1	-	3	4 1	1 1	1	2	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	-	-	1	-	2	3	3	2	-	-	-	-	-
27	-	-	-	-	-	-	-	-	-	6	9	5	5	-	-	-	-	-
28-35	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-
28	116 83	92 85	37 27	35 15	21 10	53 55	29 64	135 196	694 580	727 533	586 283	393 154	201 86	62 43	10 16	-	-	1
29	29 16	13 17	4 4	4 1	4 2	10 23	11 44	119 168	621 540	680 488	538 255	374 133	188 75	49 34	9 13	-	-	1
30	10 8	5 5	2 1	1 -	2 2	3 -	1 1	1 6	11 6	9 7	14 5	5 2	- 1	-	-	-	-	-
	54 48	60 52	24 17	25 13	11 5	30 19	5 9	6 7	19 11	14 12	3 2	3 1	2 1	-	-	-	-	-

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I.	GENERAL DISEASES — Con.														
31	Abdominal tuberculosis, .	T M F	202 100 102	14 2	10 8	8 11	9 4	6 10	7 13	7 8	7 9	10 9	11 10	6 11	5 7
32	Pott's disease,*	T M F	55 33 22	— 6 1	— 6 5	— 2 3	— 3 2	— 1 1	— 2 1	— 1 1	— 4 2	— 1 3	— 4 —	— 2 3	— 1 —
33	White swellings,*	T M F	16 12 4	— — —	— — —	— 1 —	— 1 —	— 2 —	— 1 1	— 1 —	— 1 —	— 1 —	— 3 —	— — —	— 1 3
34	Tuberculosis of other or- gans.	T M F	66 41 25	— 3 1	— 5 2	— 2 1	— 4 4	— 5 1	— 4 6	— 7 3	— 3 3	— 2 —	— 3 1	— 3 2	— — 1
35	Disseminated tubercu- losis.*	T M F	55 32 23	— 6 1	— 5 1	— — 4	— 1 1	— 3 4	— 4 —	— 3 2	— 4 2	— 2 4	— 1 1	— 2 —	— 1 3
36	Rickets,*	T M F	54 30 24	— 1 —	— 3 4	— 2 3	— 4 3	— 4 2	— 2 1	— 3 3	— 6 —	— — —	— 1 4	— 2 1	— 2 3
37	Syphilis,	T M F	187 111 76	— 8 6	— 12 5	— 10 9	— 7 3	— 11 7	— 6 11	— 5 4	— 19 8	— 8 5	— 7 4	— 6 8	— 12 6
38	Gonococcus infection, .	T M F	5 2 3	— — —	— — —	— 1 1	— — 1	— — 1	— — —	— — —	— 1 —	— — —	— — —	— — —	— — —
39-45	Cancer and other malignant tumors (total).	T M F	3,990 1,474 2,516	— 129 236	— 132 195	— 122 211	— 110 216	— 119 198	— 120 201	— 115 208	— 124 189	— 122 232	— 137 225	— 124 169	— 120 236
39	Of the buccal cavity,* . .	T M F	117 95 22	— 9 1	— 7 —	— 8 2	— 3 —	— 11 2	— 7 2	— 9 2	— 9 2	— 9 3	— 11 1	— 4 1	— 8 5
40	Of the stomach, liver, . .	T M F	1,576 722 854	— 75 106	— 76 80	— 63 89	— 54 72	— 57 61	— 51 66	— 65 72	— 52 66	— 61 66	— 66 66	— 50 54	— 52 56
41	Of the peritoneum, intes- tines, rectum.	T M F	512 185 327	— 12 16	— 6 8	— 9 18	— 10 25	— 15 27	— 21 32	— 14 28	— 22 26	— 16 44	— 17 29	— 25 31	— 18 43
42	Of the female genital or- gans.	T M F	583 — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
43	Of the breast,*	T M F	423 — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
44	Of the skin,*	T M F	116 75 41	— 9 5	— 10 4	— 8 1	— 3 4	— 7 1	— 4 7	— 3 7	— 8 4	— 9 —	— 4 3	— 5 2	— 5 3
45	Of other organs or of or- gans not specified.	T M F	663 397 266	— 24 19	— 33 19	— 34 23	— 40 15	— 29 22	— 37 20	— 24 24	— 33 21	— 27 32	— 39 25	— 40 20	— 37 26

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
31	16 8	9 9	4 4	3 1	3 1	7 10	4 4	1 5	16 11	10 15	14 15	7 10	1 4	5 3	— 2	— —	— —	— —
32	1 —	— —	— —	2 —	1 —	— —	4 3	3 5	6 3	2 2	7 1	2 2	3 3	2 2	— 1	— —	— —	— —
33	— —	3 —	— —	— —	— —	2 —	— —	1 —	2 —	2 1	— —	2 2	— —	— 1	— —	— —	— —	— —
34	6 —	— —	1 —	— —	— —	— 3	— 2	— 3	4 4	8 3	7 3	1 3	5 2	4 2	1 —	— —	— —	— —
35	— 3	2 2	2 1	— —	— —	1 —	3 1	1 2	15 5	2 5	1 2	1 1	2 —	2 1	— —	— —	— —	— —
36	17 15	7 9	5 —	1 —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
37	54 41	3 1	1 1	— 1	— 1	— 2	2 —	1 —	6 5	10 6	14 8	8 3	10 5	2 2	— —	— —	— —	— —
38	— 1	— —	— —	— 1	— —	— —	— —	— —	— —	— 1	— —	1 —	— —	— —	— —	— —	— —	— —
39-45	— —	— 3	— 2	— —	2 —	7 4	7 2	5 4	22 17	62 157	182 425	362 615	430 618	307 468	80 183	7 17	— —	1 1
39	— —	— —	— —	— —	— —	— —	— —	— —	— —	— 5	— 13	29 6	24 5	16 5	8 3	— —	— —	— —
40	— —	— —	— —	— —	— —	1 —	1 —	— 1	11 3	30 24	101 113	182 211	235 232	126 194	31 68	4 7	— —	— 1
41	— —	— —	— —	— —	— —	1 1	1 —	— —	— 5	9 13	24 37	48 81	57 80	39 76	5 30	— 4	— —	— 1
42	— —	— —	— —	— —	— —	— 1	— —	2 —	— 5	— 67	— 138	— 146	— 126	— 73	— 24	— 1	— —	— —
43	— —	— —	— —	— —	— —	— —	— —	— —	— 1	— 30	— 87	— 108	— 96	— 68	— 30	— 3	— —	— —
44	— —	— 1	— 1	— —	— —	— —	— 1	— —	— 1	— 1	— 3	— 2	— 7	— 12	— 13	— 2	— —	— —
45	— —	— 2	— 1	— —	2 —	5 2	4 2	5 1	11 2	18 21	39 45	90 61	94 72	99 40	29 15	1 2	— —	— —

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I.	GENERAL DISEASES — Con.														
46	Other tumors (tumors of the female genital organs ex- cepted.)	T M F	18 6 12	— — 2	— 1 1	— — 1	— 1 1	— 1 —	— 1 1	— 1 1	— — 1	— — 1	— — 2	— 1 —	— — 1
47	Acute articular rheumatism,*	T M F	122 55 67	— 6 2	— 1 3	— 2 5	— 8 6	— 12 16	— 11 7	— 4 5	— — 4	— 2 6	— 1 4	— 5 3	— 3 5
48	Chronic rheumatism and gout.	T M F	14 6 8	— 1 1	— — —	— — —	— — 1	— — 1	— 1 —	— — —	— — —	— — 1	— 2 3	— 1 —	— 1 1
49	Scurvy,*	T M F	2 1 1	— — —	— 1 —	— — —	— — 1	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
50	Diabetes,*	T M F	783 320 463	— 27 37	— 26 35	— 40 41	— 35 32	— 28 51	— 20 31	— 18 39	— 22 38	— 34 40	— 20 44	— 25 30	— 25 45
51	Exophthalmic goiter,	T M F	22 — 22	— — —	— — 1	— — 2	— — 1	— — 2	— — 3	— — 2	— — 2	— — 3	— — 2	— — 3	— — 1
52	Addison's disease,*	T M F	19 10 9	— 2 —	— 1 —	— 1 —	— 2 —	— — 2	— 1 —	— 1 1	— — 1	— — 1	— 2 1	— — 1	— — 2
53	Leukemia,	T M F	69 43 26	— 6 4	— 1 1	— 3 1	— 5 3	— 7 1	— 2 1	— 2 —	— 4 4	— 4 1	— 3 5	— 2 3	— 4 2
54	Anemia,	T M F	296 120 176	— 14 18	— 6 13	— 13 17	— 9 14	— 8 12	— 5 20	— 11 13	— 11 15	— 8 12	— 11 16	— 9 13	— 15 13
55	Other general diseases,	T M F	78 41 37	— 6 5	— 4 2	— 3 2	— 7 4	— 4 5	— 4 5	— 2 3	— 2 —	— 1 3	— 2 2	— 4 1	— — 5
56	Alcoholism (acute or chronic).*	T M F	212 176 36	— 18 5	— 11 3	— 12 3	— 21 3	— 10 2	— 10 1	— 12 4	— 11 3	— 15 2	— 15 3	— 24 3	— 17 4
57	Chronic lead poisoning,	T M F	16 13 3	— 1 —	— 1 —	— — —	— — —	— 2 1	— 2 1	— 1 1	— — —	— 3 —	— 1 —	— — —	— 2 1
58	Other chronic occupation poi- sonings.	T M F	4 4 —	— — —	— — —	— — —	— — —	— 2 —	— — —	— — —	— 1 —	— — —	— — —	— — —	— 1 —
59	Other chronic poisonings,	T M F	8 2 6	— — 1	— — —	— 1 1	— — —	— — 1	— — 1	— — —	— — —	— 1 1	— — —	— — —	— — 1
II.	DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF SPECIAL SENSE.	T M F	5,774 2,900 2,874	— 259 285	— 261 249	— 262 253	— 206 221	— 204 219	— 218 188	— 157 183	— 214 216	— 279 258	— 302 290	— 276 261	— 262 246
60	Encephalitis,	T M F	28 17 11	— 1 —	— 2 —	— 3 1	— 1 4	— — 1	— 1 —	— — —	— — —	— 1 3	— — 2	— 3 2	— 2 1

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
46	-	-	-	-	-	-	1	-	2	1	-	1	-	1	-	-	-	-
47	2	1	-	-	2	11	2	6	2	6	5	5	7	5	-	-	-	-
48	-	-	1	1	1	-	7	4	5	3	8	5	9	9	6	-	-	-
49	-	-	-	-	-	-	-	-	-	-	1	1	2	1	1	-	-	-
50	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
51	-	2	3	-	-	3	4	14	12	23	40	72	80	57	9	-	-	-
52	-	-	-	1	1	8	11	11	23	26	34	100	122	101	23	2	-	-
53	-	-	-	-	-	-	-	-	6	4	6	1	3	-	-	-	-	-
54	-	-	-	-	-	-	-	-	1	2	2	1	3	1	-	-	-	-
55	-	-	-	-	-	-	-	-	-	2	2	4	1	-	-	-	-	-
56	-	2	-	1	1	4	-	2	7	5	6	8	7	1	-	-	-	-
57	-	-	-	-	-	1	-	1	5	4	7	6	-	1	-	-	-	-
58	7	4	-	2	1	2	-	-	4	8	23	27	29	13	-	-	-	-
59	9	1	-	-	1	2	-	2	7	13	35	46	30	28	2	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61	18	10	4	-	-	1	1	-	1	3	1	-	1	1	-	-	-	-
62	13	4	4	1	1	4	-	2	2	-	2	-	2	2	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
126	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
141	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
146	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
151	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
154	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
155	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
157	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
159	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
162	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
164	-	-																

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
II.	DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF SPECIAL SENSE — CON.														
61	Meningitis (total), . . .	T M F	370 198 172	— 18 21	— 24 22	— 19 24	— 18 11	— 15 19	— 24 13	— 14 13	— 12 10	— 15 10	— 14 10	— 13 10	— 12 11
61a	Simple meningitis, . . .	T M F	224 119 105	— 12 15	— 19 12	— 13 16	— 9 8	— 9 10	— 10 7	— 11 7	— 9 8	— 8 5	— 7 5	— 6 4	— 6 8
61b	Cerebrospinal meningitis (undefined).	T M F	136 74 62	— 6 6	— 3 10	— 6 7	— 8 3	— 5 7	— 14 4	— 3 6	— 3 2	— 7 4	— 7 5	— 6 6	— 6 2
61c	Cerebrospinal fever, . . .	T M F	10 5 5	— — —	— 2 —	— — 1	— 1 2	— 1 —	— — —	— — —	— — —	— — 1	— — —	— 1 —	— — 1
62	Locomotor ataxia,* . . .	T M F	74 53 21	— 4 —	— 9 1	— 3 4	— 1 —	— 1 3	— 6 4	— 1 2	— 7 —	— 5 2	— 6 2	— 4 1	— 6 2
63	Other diseases of the spinal cord (total).	T M F	619 367 252	— 6 1	— 7 7	— 2 6	— 5 6	— 7 7	— 7 4	— 11 10	— 59 24	— 95 78	— 112 55	— 35 37	— 21 7
63a	Acute anterior poliomyeli- tis.*	T M F	452 276 176	— — —	— 1 1	— — 2	— — —	— 1 1	— 1 6	— 10 6	— 46 19	— 86 70	— 98 54	— 23 22	— 10 1
63b	Other diseases of the spinal cord.	T M F	167 91 76	— 6 1	— 6 6	— 2 4	— 5 6	— 6 6	— 6 4	— 1 1	— 13 5	— 9 8	— 14 11	— 12 15	— 11 6
64	Cerebral hemorrhage, apo- plexy.*	T M F	3,480 1,583 1,897	— 162 204	— 154 176	— 157 187	— 118 149	— 122 150	— 120 121	— 80 122	— 90 143	— 123 129	— 127 170	— 165 168	— 165 178
65	Softening of the brain, . . .	T M F	30 17 13	— 3 1	— 1 1	— 1 —	— 1 —	— 1 2	— 2 3	— — —	— 1 —	— 1 —	— 2 3	— 1 2	— 3 1
66	Paralysis without specified cause.	T M F	180 94 86	— 10 13	— 5 5	— 12 7	— 6 4	— 7 7	— 14 13	— 9 7	— 3 7	— 4 5	— 4 6	— 5 6	— 15 8
67	General paralysis of the in- sane.*	T M F	299 206 93	— 20 13	— 23 8	— 15 4	— 21 7	— 19 7	— 12 9	— 13 7	— 16 8	— 10 7	— 15 8	— 23 6	— 19 9
68	Other forms of mental aliena- tion.	T M F	120 57 63	— 6 4	— 9 9	— 6 6	— 6 5	— 2 3	— 8 5	— — 7	— 7 5	— 4 7	— 2 3	— 5 3	— 2 6
69	Epilepsy,	T M F	159 99 60	— 13 7	— 4 5	— 8 2	— 11 6	— 11 4	— 12 6	— 11 3	— 5 6	— 6 5	— 9 5	— 4 4	— 5 7
70	Convulsions (nonpuerperal),	T M F	7 1 6	— — —	— — 1	— — 1	— — 3	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — 1
71	Convulsions of infants, . . .	T M F	150 90 60	— 9 8	— 10 5	— 16 6	— 6 7	— 6 5	— 6 1	— 8 3	— 4 1	— 7 4	— 8 9	— 7 6	— 3 5

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.
61	- 57 53	- 34 27	- 16 13	- 11 6	- 5 5	- 13 15	- 9 9	- 7 4	- 11 9	- 16 13	- 11 9	- 4 3	- 2 4	- 1 1	- 1 1	- - -	- - -
61a	- 39 35	- 20 14	- 7 9	- 4 4	- 2 1	- 6 8	- 7 6	- 5 3	- 5 5	- 11 8	- 7 7	- 2 1	- 2 3	- 1 -	- 1 1	- - -	- - -
61b	- 16 16	- 13 13	- 9 4	- 7 2	- 2 4	- 7 7	- 2 3	- 2 -	- 5 4	- 5 5	- 4 1	- 2 2	- - -	- - 1	- - -	- - -	- - -
61c	- 2 2	- 1 -	- - -	- - -	- 1 -	- - -	- - -	- - 1	- 1 -	- - -	- - 1	- - -	- - 1	- - -	- - -	- - -	- - -
62	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 13 5	- 18 6	- 15 7	- 6 3	- 1 -	- - -	- - -
63	- 32 19	- 49 32	- 43 32	- 31 27	- 30 12	- 54 38	- 5 4	- 10 9	- 21 9	- 10 8	- 16 3	- 12 17	- 24 25	- 22 13	- 8 3	- - 1	- - -
63a	- 30 18	- 49 32	- 42 30	- 30 26	- 29 11	- 54 37	- 5 3	- 8 9	- 17 5	- 6 4	- 3 -	- - -	- 3 -	- - 1	- - -	- - -	- - -
63b	- 2 1	- - -	- 1 2	- 1 1	- 1 1	- - 1	- - 1	- 2 4	- 4 4	- - 4	- 13 3	- 12 17	- 21 25	- 22 12	- 8 3	- - 1	- - -
64	- 21 12	- 1 1	- - 2	- 1 -	- - -	- 2 1	- 2 2	- 1 4	- 12 12	- 46 34	- 118 141	- 279 241	- 430 476	- 449 583	- 197 341	- 24 47	- - -
65	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 2 -	- - 1	- - 3	- 4 2	- 4 4	- 6 3	- 1 -	- - -
66	- 2 -	- - -	- - -	- - 1	- - -	- - -	- 1 -	- - 1	- 1 -	- 4 6	- 4 -	- 18 7	- 25 27	- 24 33	- 12 10	- 3 1	- - -
67	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- 1 -	- 6 4	- 50 16	- 63 18	- 44 21	- 23 8	- 11 15	- 8 9	- - 2	- - -
68	- - -	- - 1	- - -	- - -	- - -	- - -	- - -	- 1 -	- 2 4	- 5 -	- 11 6	- 5 8	- 11 7	- 13 17	- 8 12	- - 8	- 1 -
69	- 4 5	- - -	- 1 2	- 2 1	- 1 1	- 3 5	- 6 -	- 12 5	- 16 8	- 18 9	- 16 8	- 9 9	- 6 1	- 2 5	- 3 1	- - -	- - -
70	- - -	- - -	- - -	- - -	- - -	- - 2	- - 1	- - -	- - 1	- - 1	- - 1	- - -	- - -	- - -	- - -	- - 1	- - -
71	- 78 48	- 8 9	- 1 2	- - 1	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - 1	- - -	- - -	- - -	- - -	- - -

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX												
			Total.	MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
II.	DISEASES OF THE NERVOUS SYSTEM AND THE ORGANS OF SPECIAL SENSE — CON.														
72	Chorea,*	T M F	4 — 4	— — —	— — —	— — —	— — —	— — 2	— — —	— — —	— — —	— — —	— — 1	— — 1	— — —
73	Neuralgia and neuritis, .	T M F	18 7 11	— — —	— 1 3	— — 1	— 2 1	— 1 —	— — 1	— — 2	— 1 2	— — —	— 1 —	— — —	— — 1
74	Other diseases of the nervous system.	T M F	174 76 98	— 7 10	— 6 5	— 12 8	— 6 13	— 10 6	— 5 7	— 5 5	— 4 7	— 6 11	— 2 7	— 6 12	— 7 7
75	Diseases of the eyes and their annexa.*	T M F	2 1 1	— — —	— — —	— — —	— 1 —	— — —	— — —	— — 1	— — —	— — —	— — —	— — —	— — —
76	Diseases of the ears,* . .	T M F	60 34 26	— — 3	— 6 1	— 7 1	— 3 5	— 2 3	— 1 3	— 4 3	— 4 1	— — 3	— — —	— 5 3	— 2 2
III.	DISEASES OF THE CIRCULA- TORY SYSTEM.	T M F	11,134 5,671 5,463	— 566 573	— 526 530	— 543 546	— 474 512	— 469 432	— 430 397	— 379 359	— 405 358	— 387 348	— 421 411	— 483 467	— 588 530
77	Pericarditis,	T M F	36 21 15	— — —	— 2 —	— — —	— 1 1	— 4 3	— 1 —	— 1 4	— 1 —	— 5 1	— — 2	— 2 1	— 4 3
78	Acute endocarditis,* . . .	T M F	1,022 480 542	— 103 113	— 96 120	— 94 124	— 34 39	— 21 25	— 30 27	— 13 13	— 19 23	— 17 19	— 20 13	— 13 14	— 20 12
79	Organic diseases of the heart,*	T M F	7,152 3,560 3,592	— 274 314	— 270 285	— 264 261	— 286 341	— 289 300	— 298 274	— 253 219	— 280 261	— 269 244	— 310 317	— 342 357	— 425 419
80	Angina pectoris,*	T M F	472 299 173	— 28 13	— 24 16	— 37 21	— 24 13	— 29 11	— 20 11	— 26 11	— 23 11	— 18 15	— 16 12	— 25 18	— 29 21
81	Diseases of the arteries, ath- eroma, aneurism, etc.	T M F	2,094 1,136 958	— 143 117	— 128 97	— 130 117	— 109 100	— 108 80	— 70 63	— 78 94	— 73 54	— 68 58	— 61 56	— 81 57	— 87 65
82	Embolism and thrombosis,*	T M F	244 116 128	— 14 13	— 4 10	— 12 15	— 11 11	— 12 8	— 9 16	— 3 14	— 8 4	— 9 6	— 6 9	— 12 13	— 16 9
83	Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)*	T M F	33 15 18	— 1 2	— — 1	— 2 1	— 3 2	— 1 1	— — 2	— 1 2	— 1 2	— — 3	— 1 2	— 2 1	— 3 —
84	Diseases of the lymphatic system (lymphangitis, etc.)*	T M F	65 33 32	— 3 1	— 2 1	— 4 7	— 5 3	— 3 4	— 2 3	— 3 2	— — 1	— — 3	— 5 1	— 4 5	— 2 1
85	Hemorrhage; other diseases of the circulatory system.*	T M F	16 11 5	— — —	— — —	— — —	— 1 2	— — —	— — 1	— — —	— — 1	— 1 —	— 2 —	— 2 1	— 2 —

* Acceptable statement of cause of death without autopsy. See pages 263-267.

[illegible]

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
IV.	DISEASES OF THE RESPIRATORY SYSTEM.	T	7,859	—	—	—	—	—	—	—	—	—	—	—	—
		M	4,054	726	539	559	406	344	199	136	105	130	170	297	443
		F	3,805	806	592	459	357	277	162	112	89	137	182	273	359
86	Diseases of the nasal fossæ,*	T	7	—	—	—	—	—	—	—	—	—	—	—	—
		M	4	—	—	—	—	—	—	1	1	1	—	1	—
		F	3	—	—	1	—	—	—	—	—	—	—	—	1
87	Diseases of the larynx,*	T	46	—	—	—	—	—	—	—	—	—	—	—	—
		M	16	1	3	3	2	1	—	1	1	—	—	3	1
		F	30	3	9	5	2	2	2	—	—	—	3	1	3
88	Diseases of the thyroid body,*	T	16	—	—	—	—	—	—	—	—	—	—	—	—
		M	3	1	—	—	1	—	—	—	—	—	1	—	—
		F	13	—	—	1	1	3	2	—	1	1	2	2	—
89	Acute bronchitis,	T	419	—	—	—	—	—	—	—	—	—	—	—	—
		M	199	14	17	29	23	17	11	8	4	11	16	20	29
		F	220	47	27	23	27	20	12	4	5	7	8	24	16
90	Chronic bronchitis,*	T	396	—	—	—	—	—	—	—	—	—	—	—	—
		M	179	36	33	31	18	9	13	5	7	6	7	8	6
		F	217	52	44	30	14	7	12	7	5	5	3	13	25
91	Broncho-pneumonia,	T	2,554	—	—	—	—	—	—	—	—	—	—	—	—
		M	1,271	220	188	173	133	108	57	41	39	54	58	76	124
		F	1,283	268	203	164	125	86	43	41	26	48	66	81	132
92	Pneumonia (total),	T	4,013	—	—	—	—	—	—	—	—	—	—	—	—
		M	2,158	424	269	303	212	185	98	65	45	48	76	172	261
		F	1,855	413	288	208	174	142	76	50	41	68	84	148	163
92a	Lobar pneumonia,*	T	3,694	—	—	—	—	—	—	—	—	—	—	—	—
		M	1,994	384	248	275	196	171	96	61	40	41	72	163	247
		F	1,700	365	263	193	166	137	67	45	36	60	77	136	155
92b	Pneumonia (undefined),	T	319	—	—	—	—	—	—	—	—	—	—	—	—
		M	164	40	21	28	16	14	2	4	5	7	4	9	14
		F	155	48	25	15	8	5	9	5	5	8	7	12	8
93	Pleurisy,*	T	130	—	—	—	—	—	—	—	—	—	—	—	—
		M	71	9	8	6	10	10	5	7	1	2	2	2	9
		F	59	8	4	7	5	4	6	1	3	6	8	—	7
94	Pulmonary congestion, pulmonary apoplexy.	T	123	—	—	—	—	—	—	—	—	—	—	—	—
		M	61	13	9	6	3	4	3	2	3	3	3	6	6
		F	62	9	12	10	5	5	4	3	3	1	1	1	8
95	Gangrene of the lung,*	T	8	—	—	—	—	—	—	—	—	—	—	—	—
		M	5	—	1	—	1	1	1	—	—	—	—	1	—
		F	3	—	1	—	—	1	—	—	—	—	—	—	1
96	Asthma,	T	70	—	—	—	—	—	—	—	—	—	—	—	—
		M	38	5	3	6	2	1	5	1	1	3	2	4	5
		F	32	3	2	7	3	1	4	3	2	—	5	2	—
97	Pulmonary emphysema,*	T	12	—	—	—	—	—	—	—	—	—	—	—	—
		M	5	1	1	—	—	—	1	—	—	1	—	—	1
		F	7	—	1	—	1	1	1	—	—	—	2	—	1
98	Other diseases of the respiratory system (tuberculosis excepted).	T	65	—	—	—	—	—	—	—	—	—	—	—	—
		M	44	2	7	2	1	8	5	5	3	1	5	4	1
		F	21	3	1	3	—	5	—	2	3	1	—	1	2

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	Unknown.
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	
IV.	980 746	337 329	103 104	51 50	23 27	57 59	26 20	40 26	134 113	257 183	360 226	463 312	489 514	449 588	239 410	39 93	2 4	1
86	1 1	-	-	-	-	3 1	-	-	-	-	-	-	-	-	-	-	-	-
87	3 12	2 2	2 2	2 2	-	-	1 1	-	-	-	1 1	1 1	1 3	1 -	2 2	-	-	-
88	-	-	-	-	-	-	-	-	-	1 3	1 2	-	-	-	-	-	-	-
89	114 82	25 24	6 9	5 6	-	3 1	2 -	-	1 1	2 5	2 2	3 6	6 13	18 26	9 36	3 6	-	-
90	33 29	14 12	2 4	2 2	1 -	2 -	1 -	-	2 -	3 2	6 4	17 12	18 26	42 63	21 48	7 13	2 2	-
91	561 433	184 167	52 51	21 19	9 8	22 19	4 6	1 3	15 15	24 16	32 37	58 49	74 115	114 163	86 140	14 37	-	-
92	246 166	101 110	37 33	18 17	15 15	24 32	18 12	31 18	104 84	199 146	289 165	356 218	361 328	239 308	108 169	12 28	2 2	1
92a	225 144	88 101	30 31	17 15	14 14	22 29	17 12	30 18	94 78	193 133	262 152	335 204	341 306	220 286	96 146	10 25	2 2	1
92b	21 22	13 9	7 5	1 2	1 1	2 3	1 -	1 -	10 6	6 10	27 13	21 14	20 22	19 22	12 23	2 3	-	-
93	6 6	8 11	4 2	3 4	2 -	2 2	-	1 1	4 4	9 3	9 7	3 3	10 6	7 7	3 2	-	-	-
94	7 10	1 2	-	-	1 -	-	1 -	2 1	2 2	4 2	5 4	8 9	9 8	11 8	8 9	3 6	-	-
95	-	-	-	-	-	-	-	1 1	1 1	3 -	-	-	-	-	-	-	-	-
96	1 -	1 -	-	-	-	-	-	-	1 1	3 2	7 2	8 7	5 7	10 10	2 2	-	-	-
97	1 1	-	-	-	-	-	-	-	-	-	-	-	1 2	3 1	-	-	-	-
98	1 1	1 -	-	-	-	1 2	-	4 1	3 3	9 4	8 2	9 1	4 3	4 2	-	-	-	-

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX												
			Total.	MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
V.	DISEASES OF THE DIGESTIVE SYSTEM.	T M F	5,071 2,761 2,310	— 179 134	— 141 111	— 179 143	— 150 136	— 187 144	— 156 116	— 276 210	— 481 441	— 402 347	— 270 206	— 172 164	— 168 158
99	Diseases of the mouth and annexa.*	T M F	13 7 6	— — 1	— — —	— — —	— 1 1	— 1 1	— — —	— — —	— 1 —	— 1 —	— — 1	— 2 1	— 1 —
100	Diseases of the pharynx,*	T M F	112 61 51	— 8 1	— 5 2	— 4 2	— 8 10	— 10 10	— 4 5	— 2 5	— 2 2	— 6 3	— 2 6	— 6 4	— 4 1
101	Diseases of the esophagus,*	T M F	11 8 3	— — —	— 1 1	— — —	— — —	— 3 —	— — —	— — —	— — —	— 2 —	— — —	— 1 —	— 1 1
102	Ulcer of the stomach, .	T M F	171 111 60	— 9 2	— 11 8	— 16 5	— 12 7	— 9 3	— 8 4	— 14 5	— 3 7	— 2 1	— 7 3	— 10 5	— 10 10
103	Other diseases of the stomach (cancer excepted).	T M F	304 167 137	— 17 17	— 15 10	— 14 18	— 10 9	— 13 8	— 18 11	— 11 9	— 15 17	— 17 12	— 19 9	— 9 16	— 12 9
104	Diarrhea and enteritis (under 2 years).*	T M F	2,391 1,333 1,058	— 53 38	— 41 27	— 50 34	— 44 33	— 61 40	— 43 26	— 150 111	— 343 297	— 284 227	— 147 112	— 68 62	— 49 51
105	Diarrhea and enteritis (2 years and over).	T M F	472 227 245	— 17 13	— 8 12	— 10 10	— 8 7	— 18 9	— 13 12	— 23 18	— 43 55	— 28 47	— 24 27	— 20 14	— 15 21
106	Ankylostomiasis, .	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
107	Intestinal parasites, .	T M F	3 3 —	— 1 —	— 1 —	— — —	— 1 —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
108	Appendicitis and typhlitis,	T M F	364 222 142	— 16 10	— 16 6	— 22 15	— 15 9	— 18 10	— 17 10	— 27 10	— 28 19	— 16 12	— 16 16	— 13 12	— 18 13
109	Hernia and intestinal ob- struction.	T M F	389 187 202	— 18 16	— 15 17	— 15 16	— 19 16	— 21 22	— 12 17	— 16 17	— 12 13	— 21 13	— 20 13	— 2 19	— 16 23
109a	Hernia, .	T M F	131 55 76	— 8 6	— 3 1	— 3 7	— 8 5	— 8 8	— 1 7	— 3 9	— 5 5	— 7 3	— 5 5	— 8 8	— 4 12
109b	Intestinal obstruction, .	T M F	258 132 126	— 10 10	— 12 16	— 12 9	— 11 11	— 13 14	— 11 10	— 13 8	— 7 8	— 14 10	— 15 8	— 2 11	— 12 11
110	Other diseases of the intes- tines.	T M F	79 37 42	— 4 4	— 2 6	— 6 3	— 4 4	— 3 4	— 7 3	— 2 3	— 3 5	— — 1	— 6 2	— — 3	— — 4
111	Acute yellow atrophy of the liver.*	T M F	10 6 4	— — —	— — —	— 2 1	— 1 —	— 2 2	— — —	— — —	— 1 1	— — —	— — —	— — —	— — —
112	Hydatid tumor of the liver,	T M F	2 1 1	— — —	— — —	— 1 —	— — —	— — —	— — —	— — —	— — —	— — 1	— — —	— — —	— — —

* Acceptable statement of cause of death without autopsy. See pages 263-267.

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
V.	DISEASES OF THE DIGESTIVE SYSTEM — Con.														
113	Cirrhosis of the liver,*	T	360	—	—	—	—	—	—	—	—	—	—	—	—
		M	249	23	16	23	15	10	22	20	22	16	22	28	32
		F	111	9	3	14	9	9	8	9	9	11	11	13	6
114	Biliary calculi,*	T	114	—	—	—	—	—	—	—	—	—	—	—	—
		M	25	3	4	2	2	2	4	2	2	1	2	—	1
		F	89	9	9	8	9	6	9	11	8	7	4	5	4
115	Other diseases of the liver, .	T	151	—	—	—	—	—	—	—	—	—	—	—	—
		M	56	—	1	3	6	11	4	6	4	2	2	10	7
		F	95	5	5	1	12	11	10	6	10	11	5	9	10
116	Diseases of the spleen, .	T	2	—	—	—	—	—	—	—	—	—	—	—	—
		M	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	2	—	—	—	—	1	—	1	—	—	—	—	—
117	Simple peritonitis (nonpuerperal).	T	92	—	—	—	—	—	—	—	—	—	—	—	—
		M	43	8	5	10	3	3	2	2	1	1	2	2	4
		F	49	8	4	13	9	5	1	3	3	—	1	1	1
118	Other diseases of the digestive system (cancer and tuberculosis excepted).	T	31	—	—	—	—	—	—	—	—	—	—	—	—
		M	18	2	—	1	1	2	2	1	1	5	1	1	1
		F	13	1	1	2	1	1	2	—	3	1	—	—	—
VI.	NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.	T	4,038	—	—	—	—	—	—	—	—	—	—	—	—
		M	2,113	188	187	199	170	205	175	146	145	155	170	171	202
		F	1,925	179	152	165	179	217	145	131	140	129	160	155	173
119	Acute nephritis, .	T	268	—	—	—	—	—	—	—	—	—	—	—	—
		M	141	15	12	13	14	18	9	11	13	8	12	5	11
		F	127	16	13	13	12	18	6	14	6	8	8	7	6
120	Bright's disease,*	T	3,222	—	—	—	—	—	—	—	—	—	—	—	—
		M	1,708	145	143	160	137	167	145	117	121	124	135	144	170
		F	1,514	140	113	128	142	172	116	92	104	109	122	133	143
121	Chyluria,*	T	—	—	—	—	—	—	—	—	—	—	—	—	—
		M	—	—	—	—	—	—	—	—	—	—	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
122	Other diseases of the kidneys and annexa.	T	103	—	—	—	—	—	—	—	—	—	—	—	—
		M	62	7	12	2	5	9	4	4	3	4	5	1	6
		F	41	1	6	3	3	5	3	2	9	1	5	1	2
123	Calculi of urinary passages,*	T	38	—	—	—	—	—	—	—	—	—	—	—	—
		M	29	5	9	7	2	—	1	1	1	—	—	2	1
		F	9	4	2	—	1	—	1	1	—	—	—	—	—
124	Diseases of the bladder,*	T	82	—	—	—	—	—	—	—	—	—	—	—	—
		M	66	7	3	7	6	3	6	2	2	5	9	8	8
		F	16	1	—	—	5	—	1	1	3	1	1	—	3
125	Diseases of the urethra, urinary abscess, etc.*	T	16	—	—	—	—	—	—	—	—	—	—	—	—
		M	14	2	—	1	1	3	—	3	1	1	1	1	—
		F	2	—	—	—	—	1	—	—	—	—	—	—	—
126	Diseases of the prostate,*	T	90	—	—	—	—	—	—	—	—	—	—	—	—
		M	90	7	7	9	5	5	10	8	4	12	8	9	6
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
127	Nonvenereal diseases of the male genital organs.*	T	3	—	—	—	—	—	—	—	—	—	—	—	—
		M	3	—	1	—	—	—	—	—	—	1	—	1	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.
113	1	-	-	-	-	-	1	-	2	20	53	84	56	28	5	-	-
114	-	-	-	-	-	-	-	-	2	16	22	28	20	19	3	-	-
115	6	-	-	-	-	-	1	-	1	1	3	6	9	3	2	-	-
116	1	-	1	1	-	-	1	-	5	10	12	15	23	14	10	2	-
117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
118	8	1	1	3	2	4	2	3	5	5	9	4	4	4	-	-	-
119	3	-	-	-	-	-	-	-	7	6	4	5	6	2	-	-	-
120	-	-	-	-	-	-	-	-	-	2	7	6	3	-	-	-	-
121	-	-	-	-	-	-	-	1	-	1	2	3	5	1	-	-	-
VI.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
122	33	9	4	4	4	12	11	25	70	131	222	390	519	467	192	16	1
123	18	6	5	5	4	10	13	22	16	194	286	290	385	372	182	27	-
124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125	18	5	2	3	1	7	3	7	8	21	17	22	16	9	2	-	-
126	7	3	1	4	2	5	2	3	11	22	14	21	16	12	3	1	-
127	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128	10	4	2	1	3	4	8	16	57	104	190	341	440	377	140	10	1
129	5	1	4	1	1	4	11	17	57	112	204	227	341	338	168	23	-
130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134	5	2	-	-	1	-	-	-	3	5	8	10	12	12	4	1	-
135	-	-	-	-	-	-	-	-	5	3	5	4	5	8	2	1	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137	-	-	-	-	-	-	-	-	2	-	2	2	6	10	6	1	-
138	-	-	-	-	-	-	-	-	-	-	2	2	1	4	-	-	-
139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	-	-	2	7	16	21	18	1	-
141	-	-	-	-	-	-	1	-	-	2	-	4	3	2	3	-	-
142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
143	1	-	-	-	-	-	-	-	-	-	-	4	5	1	2	1	-
144	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
146	-	-	-	-	-	-	-	-	-	1	3	4	23	37	20	2	-
147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
148	1	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
VI.	NONVENEREAL DISEASES OF THE GENITO-URINARY SYS- TEM AND ANNEXA — CON.														
128	Uterine hemorrhage (non- puerperal).	T M F	5 — 5	— — 1	— — —	— — —	— — —	— — 1	— — 1	— — —	— — —	— — —	— — 1	— — 1	— — —
129	Uterine tumor (noncancer- ous).*	T M F	85 — 85	— — 5	— — 11	— — 8	— — 7	— — 6	— — 2	— — 12	— — 8	— — 4	— — 8	— — 9	— — 5
130	Other diseases of the uterus.*	T M F	37 — 37	— — 4	— — 1	— — 6	— — 4	— — 6	— — 3	— — 3	— — 1	— — 3	— — 3	— — 1	— — 2
131	Cysts and other tumors of the ovary.	T M F	28 — 28	— — 2	— — 1	— — 2	— — 3	— — —	— — 5	— — 2	— — 5	— — 1	— — 2	— — 1	— — 4
132	Salpingitis and other diseases of the female genital or- gans.	T M F	59 — 59	— — 5	— — 5	— — 5	— — 2	— — 8	— — 7	— — 3	— — 4	— — 2	— — 10	— — 2	— — 6
133	Nonpuerperal diseases of the breast (cancer excepted).*	T M F	2 — 2	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — 2
VII.	THE PUERPERAL STAGE.*	T M F	525 — 525	— — 53	— — 46	— — 51	— — 50	— — 51	— — 40	— — 42	— — 28	— — 37	— — 32	— — 36	— — 59
134	Accidents of pregnancy.*	T M F	92 — 92	— — 8	— — 9	— — 5	— — 10	— — 9	— — 7	— — 6	— — 7	— — 10	— — 7	— — 9	— — 5
135	Puerperal hemorrhage.*	T M F	32 — 32	— — 8	— — 1	— — 2	— — 5	— — 2	— — 2	— — 3	— — 2	— — 1	— — 3	— — —	— — 3
136	Other accidents of labor,*	T M F	85 — 85	— — 6	— — 5	— — 6	— — 10	— — 7	— — 6	— — 3	— — 4	— — 8	— — 7	— — 9	— — 14
137	Puerperal septicemia,*	T M F	159 — 159	— — 12	— — 17	— — 15	— — 17	— — 18	— — 10	— — 20	— — 8	— — 7	— — 8	— — 10	— — 17
138	Puerperal albuminuria and convulsions.*	T M F	104 — 104	— — 6	— — 7	— — 14	— — 6	— — 10	— — 9	— — 10	— — 6	— — 6	— — 6	— — 6	— — 18
139	Puerperal phlegmasia alba dolens, embolus, sudden death.*	T M F	19 — 19	— — —	— — 2	— — —	— — 2	— — 4	— — 2	— — —	— — 1	— — 4	— — 1	— — 2	— — 1
140	Following childbirth (not otherwise defined).*	T M F	34 — 34	— — 13	— — 5	— — 9	— — —	— — 1	— — 4	— — —	— — —	— — 1	— — —	— — —	— — 1
141	Puerperal diseases of the breast.*	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
129	-	-	-	-	-	-	-	-	1	-	3	1	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-	1	20	28	17	10	5	2	2	-	-
131	-	-	-	-	-	-	-	-	9	9	12	3	2	1	1	-	-	-
132	-	-	-	-	-	-	-	-	4	2	4	6	7	2	3	-	-	-
133	-	-	-	-	-	-	-	1	18	24	12	4	-	-	-	-	-	-
VII.	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
134	-	-	-	-	-	-	-	27	243	214	41	-	-	-	-	-	-	-
135	-	-	-	-	-	-	-	6	41	40	5	-	-	-	-	-	-	-
136	-	-	-	-	-	-	-	-	10	18	4	-	-	-	-	-	-	-
137	-	-	-	-	-	-	-	3	43	31	8	-	-	-	-	-	-	-
138	-	-	-	-	-	-	-	10	77	62	10	-	-	-	-	-	-	-
139	-	-	-	-	-	-	-	7	49	37	11	-	-	-	-	-	-	-
140	-	-	-	-	-	-	-	-	11	7	1	-	-	-	-	-	-	-
141	-	-	-	-	-	-	-	1	12	19	2	-	-	-	-	-	-	-

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
VIII.	DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.	T M F	181 90 91	- 9 8	- 11 4	- 12 12	- 4 9	- 10 5	- 6 6	- 9 4	- 7 12	- 7 10	- 7 5	- 4 7	- 4 9
142	Gangrene,	T M F	79 30 49	- 6 5	- 6 4	- 4 11	- 1 6	- 1 2	- 2 4	- 6 2	- 1 4	- - 4	- - 4	- 1 2	- - 2
143	Furuncle,	T M F	26 16 10	- - -	- 3 -	- 2 1	- 2 1	- 2 -	- - 1	- - -	- 1 3	- 3 2	- 2 1	- 1 -	- - 1
144	Acute abscess,	T M F	41 27 14	- 3 2	- 2 -	- 5 -	- 1 -	- 5 2	- 2 1	- - 1	- - 1	- 4 3	- 1 2	- 1 1	- 2 2
145	Other diseases of the skin and annæa.*	T M F	35 17 18	- - 1	- - -	- 1 -	- - 2	- 2 1	- 2 -	- 3 1	- 1 2	- - 2	- 3 2	- 3 2	- 1 4
IX.	DISEASES OF THE BONES AND OF THE ORGANS OF LOCO- MOTION.	T M F	129 63 66	- 6 2	- 7 7	- 5 6	- 8 5	- 5 10	- 5 5	- 3 6	- 4 3	- 3 8	- 5 5	- 7 4	- 6 5
146	Diseases of the bones (tuber- culosis excepted).*	T M F	87 46 41	- 6 -	- 5 4	- 3 4	- 4 3	- 3 8	- 2 4	- 2 4	- 2 3	- 2 3	- 3 1	- 7 3	- 4 4
147	Diseases of the joints (tuber- culosis and rheumatism excepted).*	T M F	34 11 23	- - 2	- 2 3	- 1 2	- 3 1	- - 2	- 2 1	- - 2	- 2 4	- - 2	- - 1	- - 2	- 1 1
148	Amputations,	T M F	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
149	Other diseases of the organs of locomotion.	T M F	8 6 2	- - -	- - -	- 1 -	- 1 1	- 2 -	- 1 -	- 1 -	- - 1	- - -	- - -	- - -	- - -
X.	MALFORMATIONS.*	T M F	691 373 318	- 21 24	- 33 27	- 42 42	- 29 20	- 24 39	- 22 21	- 40 23	- 34 21	- 31 24	- 28 25	- 33 21	- 36 31
150	Congenital malformations (stillbirths not in- cluded).*	T M F	691 373 318	- 21 24	- 33 27	- 42 42	- 29 20	- 24 39	- 22 21	- 40 23	- 34 21	- 31 24	- 28 25	- 33 21	- 36 31
150a	Hydrocephalus,*	T M F	33 19 14	- 1 -	- - -	- 1 -	- 3 2	- 3 1	- 2 1	- - 3	- 1 2	- 5 -	- - 2	- - -	- 1 2
150b	Congenital malformations of the heart.*	T M F	579 317 262	- 19 19	- 33 25	- 35 34	- 22 16	- 19 32	- 18 20	- 33 20	- 30 15	- 22 20	- 27 19	- 27 17	- 32 25
150c	Other congenital malforma- tions.	T M F	79 37 42	- 1 5	- 2 -	- 6 7	- 4 2	- 2 6	- 2 -	- 6 -	- 2 4	- 4 4	- 1 4	- 6 4	- 3 4
XI.	EARLY INFANCY.	T M F	2,985 1,766 1,219	- 176 108	- 145 111	- 145 109	- 148 99	- 164 108	- 123 92	- 150 79	- 154 108	- 147 100	- 148 96	- 121 97	- 145 112
151	Congenital debility, icterus and sclerema.	T M F	2,460 1,460 1,000	- 145 94	- 130 95	- 125 95	- 117 77	- 129 89	- 96 69	- 125 56	- 129 94	- 118 84	- 118 76	- 106 80	- 122 91

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

[illegible]

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
XI.	EARLY INFANCY — Con.														
151a	Premature birth,* . . .	T	1,678	—	—	—	—	—	—	—	—	—	—	—	—
		M	992	124	76	77	81	86	59	89	85	77	76	75	87
		F	686	80	60	74	52	57	51	37	59	50	53	53	60
151b	Congenital debility, "atrophy," "marasmus," etc.	T	782	—	—	—	—	—	—	—	—	—	—	—	—
		M	468	21	54	48	36	43	37	36	44	41	42	31	35
		F	314	14	35	21	25	32	18	19	35	34	23	27	31
152	Other causes peculiar to early infancy.	T	523	—	—	—	—	—	—	—	—	—	—	—	—
		M	304	31	15	20	31	34	27	25	25	28	30	15	23
		F	219	14	16	14	22	19	23	23	14	16	20	17	21
152a	Injuries at birth,* . . .	T	324	—	—	—	—	—	—	—	—	—	—	—	—
		M	191	11	8	8	17	23	18	13	19	25	20	12	17
		F	133	2	10	6	12	11	15	15	7	11	17	12	15
152b	Other causes peculiar to early infancy.	T	199	—	—	—	—	—	—	—	—	—	—	—	—
		M	113	20	7	12	14	11	9	12	6	3	10	3	6
		F	86	12	6	8	10	8	8	8	7	5	3	5	6
153	Lack of care,* . . .	T	2	—	—	—	—	—	—	—	—	—	—	—	—
		M	2	—	—	—	—	1	—	—	—	1	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
XII.	OLD AGE.														
		T	249	—	—	—	—	—	—	—	—	—	—	—	—
		M	85	11	11	12	4	9	6	5	3	3	10	6	5
		F	164	14	21	18	15	17	9	9	11	17	11	13	9
154	Senility, . . .	T	249	—	—	—	—	—	—	—	—	—	—	—	—
		M	85	11	11	12	4	9	6	5	3	3	10	6	5
		F	164	14	21	18	15	17	9	9	11	17	11	13	9
XIII.	EXTERNAL CAUSES.														
		T	3,402	—	—	—	—	—	—	—	—	—	—	—	—
		M	2,507	196	142	156	156	199	208	255	250	239	237	258	211
		F	894	83	53	68	68	76	69	74	79	74	84	95	71
		Un	1	—	—	—	—	—	—	—	—	—	1	—	—
155-163	Suicide (total), . . .	T	455	—	—	—	—	—	—	—	—	—	—	—	—
		M	337	33	26	20	22	28	33	25	30	32	29	27	32
		F	118	8	9	9	8	12	13	9	10	8	11	11	10
155	By poison, . . .	T	50	—	—	—	—	—	—	—	—	—	—	—	—
		M	30	5	2	4	5	1	—	3	—	2	1	2	5
		F	20	1	—	2	3	1	5	1	2	—	2	1	2
156	By asphyxia, . . .	T	115	—	—	—	—	—	—	—	—	—	—	—	—
		M	71	7	7	3	5	6	8	5	5	5	8	7	5
		F	44	3	3	4	1	7	3	3	4	4	4	5	3
157	By hanging or strangula- tion.*	T	66	—	—	—	—	—	—	—	—	—	—	—	—
		M	55	8	4	—	1	6	5	2	8	7	3	5	6
		F	11	1	2	—	—	—	2	1	1	1	2	—	1
158	By drowning,* . . .	T	47	—	—	—	—	—	—	—	—	—	—	—	—
		M	27	1	4	—	1	3	3	2	3	4	2	—	4
		F	20	1	1	1	1	4	1	3	2	1	—	3	2
159	By firearms,* . . .	T	121	—	—	—	—	—	—	—	—	—	—	—	—
		M	109	6	7	6	7	9	12	9	10	14	8	13	8
		F	12	1	3	—	1	—	—	1	1	1	2	1	1
160	By cutting or piercing in- struments.*	T	34	—	—	—	—	—	—	—	—	—	—	—	—
		M	31	4	1	4	1	3	4	3	3	—	4	—	4
		F	3	—	—	1	2	—	—	—	—	—	—	—	—

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
151a	989 684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
151b	465 308	3 5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
152	303 217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
152a	190 133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
152b	113 84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
153	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
XII.	-	-	-	-	-	-	-	-	-	-	-	-	3 3	15 34	44 83	23 41	3	-
154	-	-	-	-	-	-	-	-	-	-	-	-	3 3	15 34	44 83	23 41	3	-
XIII.	53 42	43 26	44 33	40 41	28 20	133 57	103 18	115 27	394 73	380 71	396 84	358 84	203 98	133 111	57 73	7 34	-	20 2 1
155- 163	-	-	-	-	-	-	2	8 6	40 20	72 23	65 26	74 21	41 12	26 9	4 1	1	-	4
155	-	-	-	-	-	-	-	-	4 9	6 5	6 2	8 2	4 1	1 1	-	-	-	-
156	-	-	-	-	-	-	-	2 1	4 4	13 6	13 12	24 10	3 8	10 3	2	-	-	-
157	-	-	-	-	-	-	1	2 1	6 1	14 3	9 4	9 1	8 1	4 1	-	-	-	2
158	-	-	-	-	-	-	-	1 2	4 2	9 5	3 3	4 5	-	4 2	1 1	-	-	1
159	-	-	-	-	-	-	-	3 2	18 2	19 2	23 4	23 1	16 1	4	1	1	-	1
160	-	-	-	-	-	-	-	-	3	8 1	6 1	5	7 1	2	-	-	-	-

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	Total.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
XIII.	EXTERNAL CAUSES — Con.														
161	By jumping from high places.*	T	13	—	—	—	—	—	—	—	—	—	—	—	—
		M	6	1	—	1	1	—	1	—	1	—	1	—	—
		F	7	1	—	1	—	—	1	—	—	1	1	1	1
162	By crushing,*	T	6	—	—	—	—	—	—	—	—	—	—	—	—
		M	6	1	1	—	1	—	—	1	—	—	2	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
163	Other suicides,*	T	3	—	—	—	—	—	—	—	—	—	—	—	—
		M	2	—	—	2	—	—	—	—	—	—	—	—	—
		F	1	—	—	—	—	—	1	—	—	—	—	—	—
164-181, 185, 186	Accidental or undefined (total).	T	2,832	—	—	—	—	—	—	—	—	—	—	—	—
		M	2,092	154	114	128	130	167	169	226	209	201	194	227	173
		F	739	68	43	56	55	62	54	63	66	62	68	81	61
		Un	1	—	—	—	—	—	—	—	—	—	1	—	—
164	Poisoning by food,	T	27	—	—	—	—	—	—	—	—	—	—	—	—
		M	10	—	—	—	—	1	1	—	3	2	1	2	—
		F	17	—	1	4	1	—	2	1	2	2	1	2	1
165	Other acute poisonings,	T	46	—	—	—	—	—	—	—	—	—	—	—	—
		M	27	1	1	5	5	1	3	3	—	1	1	4	2
		F	19	3	1	2	—	2	2	3	2	1	—	3	—
166	Conflagration,*	T	29	—	—	—	—	—	—	—	—	—	—	—	—
		M	16	2	1	3	2	2	1	—	1	1	—	1	2
		F	13	1	3	4	2	2	—	—	—	—	—	1	—
167	Burns (conflagration excepted).*	T	282	—	—	—	—	—	—	—	—	—	—	—	—
		M	116	6	11	12	9	6	11	10	7	7	11	15	11
		F	166	21	11	14	15	9	7	11	12	10	14	24	18
168	Absorption of deleterious gases.*	T	260	—	—	—	—	—	—	—	—	—	—	—	—
		M	190	34	12	18	11	11	13	7	6	10	15	26	27
		F	70	9	4	8	5	9	6	2	1	3	7	5	11
169	Accidental drowning,*	T	318	—	—	—	—	—	—	—	—	—	—	—	—
		M	282	16	7	7	12	29	39	61	55	24	14	12	6
		F	35	—	—	—	1	2	2	7	12	7	1	2	1
		Un	1	—	—	—	—	—	—	—	—	—	1	—	—
170	Traumatism by firearms,	T	24	—	—	—	—	—	—	—	—	—	—	—	—
		M	21	3	2	1	—	2	1	4	1	1	3	2	1
		F	3	—	—	—	—	—	—	—	—	1	1	—	—
171	Traumatism by cutting or piercing instruments.	T	11	—	—	—	—	—	—	—	—	—	—	—	—
		M	11	—	—	—	—	1	3	1	2	2	—	1	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
172	Traumatism by fall,*	T	682	—	—	—	—	—	—	—	—	—	—	—	—
		M	422	38	29	32	36	38	24	36	40	45	38	37	29
		F	260	27	17	20	20	23	25	22	16	26	26	22	16
173	Traumatism in mines and quarries.*	T	2	—	—	—	—	—	—	—	—	—	—	—	—
		M	2	—	—	—	—	—	—	—	—	2	—	—	—
		F	—	—	—	—	—	—	—	—	—	—	—	—	—
174	Traumatism by machines,*	T	80	—	—	—	—	—	—	—	—	—	—	—	—
		M	77	7	5	8	6	6	3	6	6	9	9	—	12
		F	3	—	1	—	2	—	—	—	—	—	—	—	—
175	Traumatism by other crushing.	T	905	—	—	—	—	—	—	—	—	—	—	—	—
		M	778	36	37	34	40	61	63	70	75	83	94	119	66
		F	127	4	4	3	8	14	10	12	14	10	15	20	13

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
161	-	-	-	-	-	-	-	-	1	2	1	-	2	1	-	-	-	-
162	-	-	-	-	-	-	-	-	-	-	4	1	1	-	-	-	-	-
163	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-
164-181, 185, 186	53 37	42 25	44 32	39 39	28 20	131 55	97 17	103 20	334 43	285 43	320 55	279 60	161 84	107 102	53 72	6 34	-	10 1
164	-	1	1	1	-	1	-	-	3	-	1	1	-	-	-	-	-	-
165	1	-	-	3	-	4	-	-	1	3	-	2	1	2	-	-	-	-
166	2	2	1	1	1	1	-	1	-	5	4	3	5	2	-	-	-	-
167	-	1	2	-	-	-	-	-	3	1	1	2	3	1	-	-	-	1
168	5 1	15 10	18 16	19 20	6 11	10 17	- 6	1 1	7 11	11 8	8 13	6 17	4 15	5 14	1 5	- 1	-	-
169	37 23	2 3	1 1	- 1	1 1	3 2	1 1	1 3	20 2	21 5	32 8	34 9	24 6	10 2	2 2	2 2	-	1
170	-	4 3	5 2	4 1	6 1	38 2	35 4	33 5	62 6	26 4	29 4	20 1	11 -	3 1	2 -	-	4 1	
171	-	-	-	-	1	2 2	5 -	7 1	3 -	1 -	-	1 -	1 -	-	-	-	-	-
172	-	1	-	-	-	-	-	-	1	2	2	3	-	1	-	-	-	-
173	6 3	10 4	11 6	4 3	2 -	7 5	9 2	3 1	40 2	54 6	80 16	74 15	37 45	43 65	38 56	4 31	-	-
174	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
175	-	-	-	-	-	1	4	9	23	10	16	10	3	1	-	-	-	-
175	1	5	4	9	9	64	40	44	143	129	120	108	62	31	7	1	-	2

Detailed Int. List No.	Table 61 CAUSE OF DEATH.	Sex.	DEATHS (EXCLUSIVE OF STILLBIRTHS) FROM LIST, BY MONTHS AND SEX												
			Total.	MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
XIII.	EXTERNAL CAUSES — CON.														
175a	Railroad accidents and injuries.*	T M F	284 264 20	- 11 -	- 25 -	- 21 2	- 16 4	- 25 1	- 28 1	- 19 1	- 18 -	- 24 -	- 31 2	- 23 2	- 23 7
175b	Street-car accidents and injuries.*	T M F	77 62 15	- 5 1	- 1 1	- 3 1	- 2 -	- 10 1	- 4 1	- 7 1	- 3 3	- 9 1	- 3 -	- 6 4	- 9 1
175c	Automobile accidents and injuries.*	T M F	314 231 83	- 10 3	- 5 3	- 4 -	- 8 3	- 13 10	- 14 7	- 18 9	- 35 10	- 33 9	- 40 11	- 33 14	- 18 4
175d	Injuries by other vehicles.*	T M F	151 146 5	- 2 -	- 1 -	- 4 -	- 8 1	- 6 1	- 14 -	- 14 -	- 15 1	- 12 -	- 9 1	- 51 -	- 10 1
175e	Landslide, other crushing.*	T M F	79 75 4	- 8 -	- 5 -	- 2 -	- 6 -	- 7 1	- 3 12	- 12 1	- 4 5	- 5 -	- 11 1	- 6 -	- 6 -
176	Injuries by animals,*	T M F	14 13 1	- -	- 1 -	- -	- 1 -	- 1 -	- 2 1	- -	- 4 -	- 2 -	- 1 -	- -	- -
177	Starvation,*	T M F	8 5 3	- -	- -	- 1 -	- 2 -	- -	- -	- -	- -	- -	- 1 -	- 1 -	- -
178	Excessive cold,*	T M F	27 24 3	- 6 -	- 5 -	- 2 1	- 1 -	- -	- 1 -	- -	- -	- 3 -	- 1 -	- -	- 6 1
179	Effects of heat,*	T M F	26 19 7	- -	- -	- -	- -	- -	- -	- 11 2	- 6 5	- 2 -	- -	- -	- -
180	Lightning,*	T M F	7 5 2	- -	- -	- -	- -	- -	- 1 -	- 4 1	- -	- 1 -	- -	- -	- -
181	Electricity (lightning excepted).*	T M F	35 34 1	- 2 -	- 3 1	- -	- 2 -	- 2 -	- 3 -	- 8 -	- 2 -	- 5 -	- 2 -	- 2 -	- 3 -
185	Fractures (cause not specified).	T M F	21 18 6	- 1 1	- -	- 3 -	- 1 -	- 3 1	- -	- 2 1	- -	- 1 1	- -	- 4 1	- 1 3
186	Other external violence,	T M F	25 22 3	- 2 -	- -	- 2 -	- 1 -	- 3 -	- -	- 2 -	- 1 -	- 2 1	- 1 -	- 4 1	- 3 -
182- 184	Homicide (total),*	T M F	115 78 37	- 9 7	- 2 1	- 8 3	- 4 5	- 4 2	- 6 2	- 4 2	- 11 3	- 6 4	- 14 5	- 4 3	- 6 -
182	By firearms),*	T M F	52 35 17	- 3 5	- 2 1	- 3 1	- 3 3	- 1 -	- 3 1	- 4 1	- 5 1	- 2 3	- 5 -	- 2 1	- 2 -
183	By cutting or piercing instruments.*	T M F	21 17 4	- 2 -	- -	- 2 1	- -	- 2 1	- 2 -	- -	- 4 1	- 1 3	- -	- 1 -	- 1 -
184	By other means,*	T M F	42 26 16	- 4 2	- -	- 3 1	- 1 2	- 1 1	- 1 1	- -	- 2 1	- 3 1	- 6 4	- 2 2	- 3 -

* Acceptable statement of cause of death without autopsy. See pages 263-267.

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

Detailed Int. List No.	AGE OF DECEDENTS (YEARS) — Con.																	
	Under 1.	1.	2.	3.	4.	5 to 9.	10 to 14.	15 to 19.	20 to 29.	30 to 39.	40 to 49.	50 to 59.	60 to 69.	70 to 79.	80 to 89.	90 to 99.	100 and over.	Unknown.
175a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	1	-	2	1	3	7	25	65	50	36	41	21	9	1	-	-	2
	-	-	-	-	-	-	1	2	3	-	4	3	2	3	1	-	-	1
175b	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	2	-	-	-	3	1	1	8	10	12	13	6	5	1	-	-	-
	-	1	-	-	-	3	-	1	1	1	2	-	4	1	1	-	-	-
175c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	1	4	5	7	44	25	7	32	31	23	21	20	7	4	-	-	-
	-	-	1	8	5	17	4	5	14	5	4	7	6	4	2	-	-	-
175d	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	1	-	2	1	12	5	8	27	20	30	21	10	7	1	1	-	-
	-	2	-	1	-	1	-	-	-	-	-	1	-	-	-	-	-	-
175e	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	2	2	3	11	18	19	12	5	3	-	-	-	-
	-	-	-	-	-	-	-	-	1	-	-	2	1	-	-	-	-	-
176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	-	-	-	1	4	1	-	-	-	-	2	1	-	2	-	-	-
	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	1	-	-	-	1	1	9	5	2	5	-	-	-	1
	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	-	-	-	-	-	-	1	2	5	2	3	2	3	-	-	-	-
	3	-	-	-	-	-	-	-	-	2	-	-	1	-	1	-	-	-
180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	1	3	10	11	7	1	1	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	1	-	1	-	-	-	-	5	1	5	1	2	1	-	1	-	-
	-	-	-	1	-	-	-	-	-	-	-	1	1	-	2	-	-	-
186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1	-	1	-	1	1	-	-	3	6	4	2	2	-	1	-	-	-
	1	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-
182-184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	1	-	1	-	2	4	4	20	23	11	5	1	-	-	-	-	6
	5	1	1	2	-	2	1	1	10	5	3	3	2	-	-	-	-	1
182	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	1	-	1	2	1	11	11	6	2	-	-	-	-	-	-
	-	1	-	1	-	-	-	1	8	5	-	-	1	-	-	-	-	-
183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	1	2	7	5	1	1	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	1	2	1	-	-	-	-	-
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5	1	1	1	-	1	1	1	2	7	4	2	1	-	-	-	-	6
	-	-	-	-	-	2	1	-	2	-	2	1	-	-	-	-	-	1

[illegible]

EACH CAUSE AND CLASS OF CAUSES, ACCORDING TO THE DETAILED INTERNATIONAL
AND BY AGE AND SEX: 1916 — Con.

[illegible]

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		The State.	Abington.	Acton.	Acustnet.	Adams.	Agawam.	Alford.	Amesbury.	Amherst.	Andover.
	All Causes.²	56,366	57	22	39	152	52	2	136	72	103
1	Typhoid fever (1),	172	-	-	-	-	-	-	-	-	-
3	Malaria (4),	4	-	-	-	-	-	-	-	-	-
4	Smallpox (5),	-	-	-	-	-	-	-	-	-	-
5	Measles (6),	392	-	-	-	3	1	-	1	-	-
6	Scarlet fever (7),	127	-	-	-	-	-	-	-	-	1
7	Whooping cough (8),	346	-	1	-	-	1	-	2	-	1
8	Diphtheria and croup (9),	629	-	-	-	2	2	-	1	1	-
9	Influenza (10),	539	1	-	1	3	1	-	5	2	2
(12)	Erysipelas (18),	232	-	-	-	-	-	-	-	-	-
(12)	Other epidemic diseases (2, 3, 11-17, 19),	97	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs (28, 29),	4,575	3	1	3	8	1	-	8	2	5
14	Tuberculous meningitis (30),	453	-	-	-	1	-	-	-	-	-
15	Other forms of tuberculosis (31-35),	394	-	-	-	2	-	-	-	-	1
16	Cancer (39-45),	3,990	3	2	1	6	3	-	16	5	13
(37)	Rheumatism (47, 48),	136	1	-	-	1	2	-	-	-	1
(37)	Diabetes (50),	783	1	-	1	3	1	-	5	1	1
17	Meningitis (61),	370	-	-	1	1	1	-	1	-	1
(37)	Poliomyelitis (63a),	452	-	-	-	2	1	-	3	1	-
18	Cerebral hemorrhage and softening (64, 65),	3,510	7	6	4	8	4	1	18	9	6
(37)	Acute endocarditis (78),	1,022	2	2	-	3	-	-	1	-	1
19	Organic diseases of the heart (79),	7,152	7	2	6	15	3	-	22	10	15
(37)	Angina pectoris (80),	472	1	-	-	1	2	-	1	2	-
(37)	Diseases of the arteries (81),	2,094	2	2	-	3	1	-	3	4	7
20, 21	Bronchitis (89, 90),	815	4	-	1	1	2	-	1	1	1
(23)	Broncho-pneumonia (91),	2,554	4	-	7	6	6	1	2	6	5
22	Pneumonia (92),	4,013	2	2	2	7	3	-	9	9	5
(23)	Other respiratory diseases (86-88, 93-98),	4,071	1	-	-	3	1	-	-	-	2
24	Diseases of the stomach (102, 103),	475	2	-	1	1	-	-	-	1	-
25	Diarrhea and enteritis (under 2 years) (104),	2,391	1	-	3	13	2	-	5	1	1
26	Appendicitis (108),	364	-	-	1	1	-	-	1	-	1
27	Hernia, intestinal obstruction (109),	389	-	-	-	1	-	-	-	-	1
28	Cirrhosis of the liver (113),	360	-	1	1	3	-	-	-	-	-
29	Nephritis and Bright's disease (119, 120),	3,490	3	2	-	9	4	-	13	4	6
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	214	-	-	-	1	-	-	-	1	-
31	Puerperal fever (137),	159	-	-	-	-	-	-	-	-	-
32	Other puerperal affections (134-136, 138-141),	366	-	-	-	1	-	-	-	-	-
33	Congenital debility and malformations (150, 151),	3,151	5	-	3	21	3	-	4	3	7
34	Senility (154),	249	-	-	-	-	-	-	-	-	2
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	2,832	2	-	-	10	3	-	5	4	5
(35)	Burns (conflagration excepted) (167),	282	-	-	-	3	-	-	-	1	-
(35)	Accidental drowning (169),	318	-	-	-	-	2	-	-	-	1
(35)	Traumatism by fall (172),	682	-	-	-	2	1	-	2	3	-
(35)	Railroad accidents and injuries (175a),	284	1	-	-	-	-	-	-	-	3
(35)	Automobile accidents and injuries (175c),	314	-	-	-	1	-	-	1	-	-
36	Suicide (155-163),	455	-	-	-	-	-	-	1	-	1
(35)	Homicide (182-184),	115	-	-	-	-	-	-	-	-	-
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	5,339	3	1	3	12	4	-	8	5	11
38	Ill-defined or unknown causes (187-189),	217	2	-	-	-	-	-	-	-	-

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916.

Abridged Int. List No.	Arlington.	Ashburnham.	Ashby.	Ashfield.	Ashland.	Athol.	Attleboro.	Auburn.	Avon.	Ayer.	Barnstable.	Barre.	Becket.	Bedford.	Belchertown.	Bellingham.	Belmont.	Berkley.	Berlin.
1	177	32	12	15	28	138	253	32	29	44	79	49	16	11	30	22	103	23	18
2	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	3	1	-	1	-	-	-	-	-	-	1	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	2	1	-	-	2	3	-	-	-	1	1	-	-
8	-	1	-	-	-	1	4	1	-	-	-	-	-	-	-	2	1	-	-
9	-	-	-	1	1	2	7	-	2	1	4	-	-	-	1	-	2	-	1
(12)	2	-	-	-	-	1	-	-	-	-	-	2	-	-	-	1	-	-	-
(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	18	2	1	-	3	10	16	1	-	5	5	1	2	-	1	5	4	2	2
14	1	-	-	-	-	2	2	-	-	-	-	-	-	-	1	-	1	-	-
15	1	1	-	-	-	3	2	-	-	-	-	-	-	-	-	-	-	-	-
16	22	2	1	1	4	6	27	3	4	1	12	1	2	-	2	-	5	3	4
(37)	1	-	1	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-
(37)	2	1	-	-	-	3	5	1	-	2	1	-	-	-	-	2	2	-	-
17	2	-	-	1	-	6	1	-	-	-	-	-	-	-	-	-	-	-	-
(37)	1	-	-	-	-	2	1	-	-	-	-	-	-	-	1	-	1	-	-
18	16	1	1	5	2	11	13	3	3	6	6	6	1	4	3	2	16	3	1
(37)	6	-	-	-	-	2	-	3	-	2	-	2	-	-	-	-	5	-	-
19	17	6	2	4	2	27	20	2	8	9	9	2	2	2	2	2	14	4	1
(37)	3	-	-	-	-	1	2	-	1	-	1	-	-	-	2	-	1	-	1
(37)	3	-	-	1	1	2	13	1	2	4	-	-	-	1	1	-	10	1	3
20, 21	2	1	1	-	-	1	4	-	-	-	-	4	-	-	4	-	2	1	-
(23)	3	2	-	1	2	9	11	-	1	2	3	2	1	2	2	2	2	1	-
22	9	2	-	-	2	2	12	5	1	6	3	7	-	-	1	1	5	-	4
(23)	1	-	-	-	1	2	-	-	-	-	1	-	1	1	-	1	-	-	-
24	1	1	-	-	-	-	3	1	-	-	1	1	-	-	1	-	-	-	-
25	1	-	-	-	1	2	5	2	-	-	-	5	-	-	1	-	-	-	-
26	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
27	1	2	-	-	-	1	3	-	-	-	-	-	-	-	-	-	1	-	-
28	2	1	-	-	1	1	-	1	-	-	2	-	1	-	-	-	-	-	1
29	20	4	1	-	2	11	24	2	-	-	4	2	-	1	1	-	5	2	-
30	2	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
31	1	-	-	-	-	2	1	-	-	-	1	-	-	-	-	-	-	-	-
32	1	1	-	-	1	1	4	-	-	-	-	-	-	-	-	-	-	1	-
33	8	-	-	-	-	7	18	1	5	1	7	2	-	-	1	-	4	-	-
34	2	-	1	-	1	2	1	-	1	-	1	-	1	-	-	-	-	1	-
(35)	7	2	2	1	-	4	20	-	-	2	5	4	1	-	1	-	3	-	-
(35)	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
(35)	3	1	-	-	-	-	3	-	-	-	-	1	-	-	-	-	-	-	-
(35)	1	1	-	-	-	1	3	-	-	-	1	2	-	-	1	-	-	-	-
(35)	-	-	-	-	-	1	3	-	-	1	2	-	1	-	-	-	1	-	-
(35)	1	-	2	1	-	-	2	-	-	1	2	1	-	-	-	-	-	-	-
36	-	-	-	-	1	1	3	1	-	-	-	-	1	-	1	-	-	-	-
(35)	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-
(37)	19	2	1	-	3	9	22	1	1	2	9	5	2	-	3	3	17	4	-
38	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		Barnardston.	Feverly.	BillERICA.	Blackstone.	Blandford.	Bolton.	Boston.	Bourne.	Boxborough.	Boxford.
	All Causes.²	11	287	45	76	4	7	12,776	37	5	10
1	Typhoid fever (1),	-	1	-	-	-	-	26	-	-	-
3	Malaria (4),	-	-	-	-	-	-	-	-	-	-
4	Smallpox (5),	-	-	-	-	-	-	-	-	-	-
5	Measles (6),	-	1	-	-	-	-	105	2	-	-
6	Scarlet fever (7),	-	-	-	-	-	-	41	-	-	-
7	Whooping cough (8),	-	-	-	-	-	-	75	1	-	-
8	Diphtheria and croup (9),	-	-	-	2	-	-	194	-	-	-
9	Influenza (10),	1	5	-	2	-	-	86	-	-	-
(12)	Erysipelas (18),	-	5	-	-	-	-	86	-	-	-
(12)	Other epidemic diseases (2, 3, 11-17, 19),	-	-	-	-	-	-	16	-	-	-
13	Tuberculosis of the lungs (28, 29),	-	11	3	3	1	-	1,094	1	-	-
14	Tuberculous meningitis (30),	-	1	-	1	-	-	133	-	-	-
15	Other forms of tuberculosis (31-35),	-	-	-	-	-	-	83	-	-	-
16	Cancer (39-45),	3	36	1	4	-	1	861	2	-	-
(37)	Rheumatism (47, 48),	-	-	-	-	-	-	20	-	-	-
(37)	Diabetes (50),	-	5	1	1	-	-	182	-	-	-
17	Meningitis (61),	-	2	-	1	-	-	103	-	-	-
(37)	Polioimyelitis (63a),	-	6	-	-	-	-	161	1	-	1
18	Cerebral hemorrhage and softening (64, 65),	1	30	5	1	-	1	625	1	3	3
(37)	Acute endocarditis (78),	-	3	3	2	-	-	113	1	-	-
19	Organic diseases of the heart (79),	-	50	8	12	3	3	2,026	11	2	3
(37)	Angina pectoris (80),	-	6	-	-	-	-	66	-	-	-
(37)	Diseases of the arteries (81),	-	12	2	-	-	-	293	3	-	-
20, 21	Bronchitis (89, 90),	-	5	1	1	-	-	115	1	-	1
(23)	Broncho-pneumonia (91),	3	2	2	5	-	-	497	1	-	1
22	Pneumonia (92),	1	13	-	6	-	-	958	6	-	-
(23)	Other respiratory diseases (86-88, 93-98),	-	-	-	1	-	-	135	-	-	-
24	Diseases of the stomach (102, 103),	-	3	-	-	-	-	91	-	-	-
25	Diarrhea and enteritis (under 2 years) (104),	-	6	2	5	-	-	385	-	-	-
26	Appendicitis (108),	-	1	-	-	-	-	101	-	-	-
27	Hernia, intestinal obstruction (109),	-	3	2	-	-	-	105	-	-	-
28	Cirrhosis of the liver (113),	-	1	1	1	-	-	113	-	-	-
29	Nephritis and Bright's disease (119, 120),	-	17	-	14	-	-	650	3	-	-
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	-	-	-	-	-	-	75	-	-	-
31	Puerperal fever (137),	-	-	-	-	-	-	46	-	-	-
32	Other puerperal affections (134-136, 138-141),	-	3	-	-	-	-	83	-	-	-
33	Congenital debility and malformations (150, 151),	-	16	4	2	-	1	682	1	-	-
34	Senility (154),	1	1	-	1	-	-	7	-	-	-
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	-	15	8	1	-	1	787	2	-	-
(35)	<i>Burns (conflagration excepted) (167),</i>	-	1	-	-	-	-	67	-	-	-
(35)	<i>Accidental drowning (169),</i>	-	2	2	1	-	-	61	-	-	-
(35)	<i>Traumatism by fall (172),</i>	-	3	1	-	-	-	209	1	-	-
(35)	<i>Railroad accidents and injuries (175a),</i>	-	1	2	-	-	-	55	-	-	-
(35)	<i>Automobile accidents and injuries (175c),</i>	-	5	2	-	-	-	73	1	-	-
36	Suicide (155-163),	-	1	-	-	-	-	123	-	-	-
(35)	Homicide (182-184),	-	1	-	-	-	-	29	-	-	-
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	1	24	2	10	-	-	1,358	-	-	1
38	Ill-defined or unknown causes (187-189),	-	1	-	-	-	-	47	-	-	-

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	Boylston.	Braintree.	Brewster.	Bridgewater.	Brimfield.	Prockton.	Brookfield.	Brookline.	Buckland.	Burlington.	Cambridge.	Canton.	Carlisle.	Carver.	Charlemont.	Charlton.	Chatham.	Chelmsford.	Chelsea.
	9	87	12	248	14	785	31	352	31	8	1,527	63	9	17	17	38	33	53	669
1	-	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-	-	3
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	4	-	18	-	1	-	-	5	-	-	-	-	-	-	-	2
6	-	-	-	-	-	-	-	1	-	-	2	-	-	-	2	-	-	1	1
7	-	-	-	-	-	4	-	2	-	-	9	-	-	-	-	1	-	-	6
8	-	-	-	-	-	6	-	-	-	-	15	1	-	-	-	-	2	-	6
9	-	-	-	-	1	10	3	6	-	-	12	-	-	1	-	1	-	-	5
(12)	-	1	-	-	-	2	-	2	-	-	4	-	-	-	-	-	-	-	5
(12)	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	4
13	1	4	-	33	2	42	-	24	2	1	194	6	-	1	-	-	1	3	46
14	-	-	-	2	-	2	-	2	-	-	9	-	-	-	-	-	-	-	3
15	-	-	1	2	-	9	-	1	1	-	4	4	-	-	-	-	-	-	2
16	-	9	2	16	2	48	6	48	4	-	122	1	-	-	-	5	3	7	48
(37)	-	1	-	-	-	2	-	1	-	-	4	-	-	-	-	-	-	1	1
(37)	-	3	-	3	1	11	-	6	2	-	19	1	-	-	-	-	1	1	10
17	-	-	-	1	-	9	-	-	-	-	7	-	-	-	-	-	-	-	3
(37)	-	2	-	-	-	-	-	5	-	-	3	2	-	-	-	-	-	-	2
18	-	10	-	21	-	55	3	26	4	-	106	2	2	2	2	7	6	3	30
(37)	-	2	-	1	-	19	-	13	-	1	43	5	-	-	-	-	-	-	8
19	-	9	5	30	-	89	6	68	4	-	199	8	2	6	4	6	7	7	82
(37)	-	-	-	1	-	17	-	9	-	-	19	-	-	-	-	2	-	-	2
(37)	1	6	1	15	-	33	1	20	3	1	73	2	1	1	-	1	1	4	50
20, 21	-	1	-	11	1	11	1	2	-	-	21	-	-	2	-	2	1	-	7
(23)	-	3	1	5	1	29	1	15	1	1	84	4	-	-	-	1	-	3	27
22	2	4	1	15	-	48	2	21	1	4	106	2	2	1	2	-	1	5	39
(23)	-	1	-	7	-	12	-	-	1	-	13	-	-	-	-	-	-	-	4
24	-	2	-	3	-	14	-	5	-	-	8	-	-	-	1	2	-	-	5
25	-	-	-	-	-	15	1	-	-	-	60	-	-	-	-	-	-	2	39
26	-	-	-	-	-	8	-	3	-	-	9	-	-	-	2	-	1	-	10
27	-	-	-	1	1	4	-	4	-	-	9	-	-	-	-	1	-	-	6
28	-	-	-	2	-	6	-	1	-	-	4	-	-	-	-	1	-	1	5
29	1	5	-	15	1	55	2	16	5	-	69	11	-	2	2	3	4	3	51
30	-	-	-	-	-	1	-	1	-	-	6	-	-	-	-	-	-	-	5
31	-	1	-	-	-	2	-	-	-	-	3	-	-	-	-	-	-	-	1
32	-	-	-	1	-	7	-	-	-	-	11	-	-	-	-	1	-	-	6
33	-	8	-	6	-	57	-	8	1	-	83	2	-	-	-	-	1	5	32
34	-	1	-	5	-	4	1	1	-	-	1	-	-	-	-	1	-	-	-
(35)	2	6	-	7	2	41	-	6	-	-	58	6	1	-	1	1	1	4	34
(35)	1	2	-	-	-	5	-	-	-	-	9	-	-	-	-	-	-	-	3
(35)	1	1	-	2	-	-	-	1	-	-	2	2	-	-	1	-	1	1	1
(35)	-	1	-	5	-	15	-	4	-	-	22	1	1	-	-	-	-	2	9
(35)	-	2	-	-	1	2	-	-	-	-	3	1	-	-	-	-	-	-	7
(35)	-	-	-	-	-	7	-	1	-	-	12	-	-	-	-	1	-	-	6
36	-	1	-	1	-	8	-	2	-	-	10	-	-	-	-	1	1	-	7
(35)	-	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	2
(37)	2	7	1	40	2	80	4	32	2	-	118	5	1	1	1	3	-	2	58
38	-	-	-	-	-	3	-	-	-	-	1	1	-	-	-	-	1	-	11

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		Cheshire.	Chester.	Chesterfield.	Chicopee.	Chilmark.	Clarksburg.	Clinton.	Cohasset.	Colrain.	Concord.
	All Causes.²	19	13	17	442	5	19	185	26	22	73
1	Typhoid fever (1),	—	—	—	—	—	—	—	—	—	—
3	Malaria (4),	—	—	—	—	—	—	—	—	—	—
4	Smallpox (5),	—	—	—	—	—	—	—	—	—	—
5	Measles (6),	—	—	—	2	—	—	—	—	—	—
6	Scarlet fever (7),	—	—	—	2	—	—	—	—	—	—
7	Whooping cough (8),	—	—	—	12	—	—	3	1	—	—
8	Diphtheria and croup (9),	—	—	—	11	—	—	1	—	—	1
9	Influenza (10),	1	—	—	1	—	1	1	2	—	1
(12)	Erysipelas (18),	—	—	—	1	—	—	—	—	—	—
(12)	Other epidemic diseases (2, 3, 11-17, 19),	—	—	—	4	—	—	1	—	—	—
13	Tuberculosis of the lungs (28, 29),	—	—	—	37	—	2	13	—	3	6
14	Tuberculous meningitis (30),	—	—	—	8	—	—	—	—	—	—
15	Other forms of tuberculosis (31-35),	—	—	—	2	—	—	1	—	1	—
16	Cancer (39-45),	—	1	2	17	—	1	14	1	—	5
(37)	Rheumatism (47, 48),	—	—	—	2	—	—	—	—	—	—
(37)	Diabetes (50),	—	1	—	2	—	—	3	—	—	4
17	Meningitis (61),	—	1	—	6	—	—	1	—	—	—
(37)	Poliomyelitis (63a),	—	—	—	—	—	—	—	—	—	—
18	Cerebral hemorrhage and softening (64, 65),	1	1	1	18	1	1	16	8	2	10
(37)	Acute endocarditis (78),	2	1	—	12	—	—	4	2	—	1
19	Organic diseases of the heart (79),	4	4	2	38	1	3	20	4	4	7
(37)	Angina pectoris (80),	—	—	—	2	—	—	6	—	—	—
(37)	Diseases of the arteries (81),	2	—	1	8	—	1	—	—	—	2
20, 21	Bronchitis (89, 90),	—	—	—	20	—	2	2	1	—	2
(23)	Broncho-pneumonia (91),	—	—	—	29	—	—	9	—	1	1
22	Pneumonia (92),	1	—	3	28	—	2	18	1	—	8
(23)	Other respiratory diseases (86-88, 93-98),	—	—	2	1	—	—	1	—	1	—
24	Diseases of the stomach (102, 103),	—	1	—	3	—	—	5	—	1	—
25	Diarrhea and enteritis (under 2 years) (104),	—	—	—	59	—	2	4	—	1	3
26	Appendicitis (108),	—	—	—	—	—	—	1	—	—	—
27	Hernia, intestinal obstruction (109),	—	—	—	—	—	—	2	—	—	1
28	Cirrhosis of the liver (113),	—	—	—	4	—	—	1	—	—	—
29	Nephritis and Bright's disease (119, 120),	—	—	1	26	—	2	6	3	1	6
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	—	—	—	—	—	—	1	—	—	—
31	Puerperal fever (137),	—	—	—	—	—	—	3	—	—	—
32	Other puerperal affections (134-136, 138-141),	—	—	—	2	—	—	2	—	—	—
33	Congenital debility and malformations (150, 151),	2	—	—	33	1	1	13	—	1	3
34	Senility (154),	—	—	—	1	—	—	2	—	—	1
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	3	1	1	19	—	—	8	—	2	3
(35)	Burns (conflagration excepted) (167),	—	—	—	2	—	—	3	—	—	—
(35)	Accidental drowning (169),	—	—	—	6	—	—	—	—	—	2
(35)	Traumatism by fall (172),	—	1	1	4	—	—	2	—	2	1
(35)	Railroad accidents and injuries (175a),	—	—	—	1	—	—	1	—	—	—
(35)	Automobile accidents and injuries (175c),	—	—	—	2	—	—	—	—	—	—
36	Suicide (155-163),	—	1	—	1	—	—	2	—	—	1
(35)	Homicide (182-184),	—	—	—	—	—	—	—	—	—	1
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	3	1	4	31	2	1	19	3	4	6
38	Ill-defined or unknown causes (187-189),	—	—	—	—	—	—	2	—	—	—

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	Conway.	Cumington.	Dalton.	Dana.	Danvers.	Dartmouth.	Dedham.	Deerfield.	Dennis.	Dighton.	Douglas.	Dover.	Dracut.	Dudley.	Dunstable.	Duxbury.	East Bridgewater.	East Longmeadow.	Eastham.
	11	12	41	9	361	88	133	31	39	35	44	8	65	54	6	25	51	24	7
1	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	1	-	-	3	1	-	-	1	-	-	-	-	-
8	-	-	-	-	-	1	2	-	-	1	1	-	2	-	-	-	-	-	-
9	-	1	2	-	4	-	1	1	-	2	2	-	-	-	1	-	3	2	-
(12)	-	-	-	-	5	-	1	-	-	-	1	-	1	1	-	-	-	-	-
(12)	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
13	-	1	1	-	22	2	9	2	3	2	4	-	4	1	-	1	12	1	-
14	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
15	1	-	-	-	4	-	-	-	-	-	-	-	1	-	-	-	4	-	-
16	1	-	5	2	12	2	14	3	5	3	4	-	3	4	1	1	1	-	-
(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
(37)	1	1	-	-	4	2	-	-	-	-	-	-	1	-	-	1	-	-	-
17	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
(37)	1	-	6	-	-	-	2	-	-	-	-	-	-	1	-	-	-	1	-
18	1	-	4	1	34	6	11	-	4	3	5	2	5	4	-	1	4	1	1
(37)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(37)	-	-	-	-	7	3	1	-	-	-	-	-	1	-	-	-	1	2	-
19	3	1	10	-	38	9	19	4	10	5	5	1	5	3	1	3	8	4	2
(37)	-	-	-	1	1	1	2	-	2	-	-	-	-	-	-	-	2	-	-
(37)	-	-	-	-	34	7	5	-	-	-	2	-	8	1	-	5	1	1	-
20, 21	-	-	1	-	-	5	5	-	1	2	1	-	-	-	-	-	2	-	1
(23)	1	-	-	4	36	3	8	3	2	3	-	1	-	1	-	1	-	3	-
22	-	-	1	-	30	4	6	4	1	2	5	1	3	3	-	-	1	1	1
(23)	-	-	-	-	2	1	1	-	2	-	1	-	-	-	-	-	-	-	-
24	-	-	-	-	2	2	-	-	-	-	-	-	3	-	-	-	1	1	-
25	-	-	1	-	5	2	4	1	-	3	-	-	7	7	-	-	1	-	-
26	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	1	4	-	-	-	-	-	-	-	1	-	-	-	1	-
28	-	-	-	-	-	2	-	-	-	-	-	-	1	1	-	-	1	-	-
29	1	3	2	-	30	6	8	2	2	1	1	-	5	5	-	-	1	-	-
30	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
31	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-	-	-	-	-
32	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	2	-	-	-
33	1	1	1	-	5	6	7	1	-	1	2	-	7	2	-	1	2	1	-
34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
(35)	-	-	1	-	6	3	7	5	1	3	1	-	3	3	2	2	1	3	2
(35)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(35)	-	-	1	-	-	1	5	1	1	-	1	-	1	-	1	2	-	1	1
(35)	-	-	-	-	3	1	1	-	-	-	-	-	-	1	-	-	-	1	1
(35)	-	-	-	-	-	-	-	2	-	-	-	-	-	1	1	-	-	-	-
(35)	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-	1	-	-
36	-	-	-	-	2	-	1	-	-	1	1	1	-	-	-	2	-	-	-
(35)	-	1	-	-	-	-	-	-	-	-	1	-	-	2	-	1	-	-	-
(37)	-	2	6	1	75	10	15	2	6	2	5	2	4	4	1	2	1	2	-
38	-	1	-	-	-	1	1	2	-	-	-	-	-	-	-	1	1	-	-

² Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		Easthampton.	Easton.	Edgartown.	Egremont.	Enfield.	Erving.	Essex.	Everett.	Fairhaven.	Fall River.
	All Causes.²	118	62	19	9	16	15	30	395	92	2,183
1	Typhoid fever (1),	—	—	—	—	—	—	—	—	1	14
3	Malaria (4),	—	—	—	—	—	—	—	—	—	2
4	Smallpox (5),	—	—	—	—	—	—	—	—	—	—
5	Measles (6),	—	—	—	—	—	—	1	—	—	25
6	Scarlet fever (7),	—	—	—	—	—	—	—	2	—	3
7	Whooping cough (8),	1	2	—	1	—	—	—	3	1	12
8	Diphtheria and croup (9),	1	—	—	—	—	—	—	2	1	20
9	Influenza (10),	—	—	—	—	1	—	—	4	—	23
(12)	Erysipelas (18),	—	—	—	—	—	—	—	1	—	3
(12)	Other epidemic diseases (2, 3, 11-17, 19),	2	—	—	—	—	—	—	1	—	11
13	Tuberculosis of the lungs (28, 29),	4	3	—	1	—	1	3	36	5	201
14	Tuberculous meningitis (30),	1	—	—	—	—	—	—	4	—	17
15	Other forms of tuberculosis (31-35),	—	—	—	—	—	—	—	3	—	15
16	Cancer (39-45),	5	7	2	1	—	—	2	45	8	119
(37)	Rheumatism (47, 48),	1	—	—	—	—	—	—	2	—	7
(37)	Diabetes (50),	1	—	—	—	1	—	—	6	3	27
17	Meningitis (61),	—	—	1	—	—	—	—	3	1	13
(37)	Poliomyelitis (63a),	2	—	—	—	—	—	—	1	1	2
18	Cerebral hemorrhage and softening (64, 65),	2	5	—	1	1	3	2	29	6	74
(37)	Acute endocarditis (78),	—	1	—	—	—	—	—	13	—	31
19	Organic diseases of the heart (79),	15	7	4	1	3	4	7	55	6	210
(37)	Angina pectoris (80),	—	1	—	1	—	—	—	7	—	9
(37)	Diseases of the arteries (81),	3	11	—	—	—	—	3	13	14	35
20, 21	Bronchitis (89, 90),	2	1	—	—	—	—	—	6	2	49
(23)	Broncho-pneumonia (91),	5	5	1	—	—	—	2	16	7	170
22	Pneumonia (92),	12	3	—	—	2	1	3	29	4	177
(23)	Other respiratory diseases (86-88, 93-98),	1	1	—	—	—	—	—	2	—	22
24	Diseases of the stomach (102, 103),	2	—	—	—	—	—	—	5	—	7
25	Diarrhea and enteritis (under 2 years) (104),	14	1	—	—	1	1	1	12	5	260
26	Appendicitis (108),	1	—	—	—	—	—	—	1	—	10
27	Hernia, intestinal obstruction (109),	2	1	—	—	—	—	—	2	1	11
28	Cirrhosis of the liver (113),	1	—	—	—	—	—	—	2	—	18
29	Nephritis and Bright's disease (119, 120),	7	6	2	1	—	1	1	19	6	119
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	—	—	—	—	—	—	—	—	—	5
31	Puerperal fever (137),	1	—	—	—	—	—	—	—	—	7
32	Other puerperal affections (134-136, 138-141),	—	1	—	—	—	—	—	1	1	12
33	Congenital debility and malformations (150, 151),	14	3	2	—	2	1	—	22	3	134
34	Senility (154),	1	—	1	—	1	—	1	—	1	17
(35)	Violent deaths (excluding suicide and homicide (164-181, 185, 186),	5	1	1	2	—	2	2	10	2	59
(35)	Burns (conflagration excepted) (167),	1	—	—	—	—	—	—	1	—	8
(35)	Accidental drowning (169),	—	1	—	—	—	—	1	1	—	5
(35)	Traumatism by fall (172),	—	—	—	2	—	1	1	2	—	7
(35)	Railroad accidents and injuries (175a),	—	—	—	—	—	1	—	2	—	4
(35)	Automobile accidents and injuries (175c),	1	—	1	—	—	—	—	1	—	6
36	Suicide (155-163),	—	—	2	—	3	—	—	5	—	14
(35)	Homicide (182-184),	—	—	—	—	—	—	—	—	—	2
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	12	2	3	—	1	—	2	33	12	187
38	Ill-defined or unknown causes (187-189),	—	—	—	—	—	1	—	—	1	30

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	Falmouth.	Fitchburg.	Florida.	Foxborough.	Framingham.	Franklin.	Freetown.	Gardner.	Gay Head.	Georgetown.	Gill.	Gloucester.	Goshen.	Gosnold.	Grafton.	Granby.	Granville.	Great Barrington.	Greenfield.
	55	539	3	87	273	72	23	220	5	20	7	379	3	4	157	9	7	79	169
1	-	4	-	-	1	-	-	2	-	-	-	1	-	-	-	-	-	-	1
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	3	-	-	-	2	-	-	3	-	-	-	-
6	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-
7	1	6	-	-	1	-	-	1	-	-	-	14	-	-	-	-	-	-	2
8	-	21	-	-	1	-	-	6	-	-	-	1	-	-	-	-	-	-	-
9	2	1	-	-	11	1	4	5	-	1	-	5	-	-	1	-	-	3	1
(12)	-	1	-	2	1	-	-	1	-	-	-	1	-	-	2	-	-	-	-
(12)	-	-	-	-	-	1	-	-	1	-	-	-	-	2	2	-	-	-	-
13	3	31	-	8	9	2	2	10	-	1	-	18	-	1	27	1	-	3	6
14	-	7	-	-	-	-	-	1	-	-	-	2	-	-	1	-	-	-	1
15	-	3	-	-	1	1	-	4	-	-	-	3	-	-	1	-	-	-	-
16	5	42	-	8	21	7	2	20	-	1	1	23	-	1	6	1	3	2	10
(37)	-	-	-	-	2	1	-	2	-	-	-	2	-	-	-	-	-	-	-
(37)	1	13	-	-	4	1	2	2	-	-	-	3	-	-	1	-	-	1	6
17	-	8	-	-	2	-	-	3	-	-	-	-	-	-	-	-	-	-	4
(37)	-	3	-	-	-	-	-	-	-	1	-	3	-	-	-	-	-	-	1
18	8	28	-	3	25	13	2	15	1	1	1	33	-	-	13	1	1	9	8
(37)	1	9	-	2	9	-	-	4	-	-	1	12	-	-	6	1	-	2	5
19	10	61	-	18	35	10	1	23	2	1	-	52	-	-	6	1	-	10	16
(37)	-	1	-	1	3	-	-	4	-	-	-	3	-	-	1	-	-	6	3
(37)	7	14	-	7	10	3	-	5	-	1	-	8	-	-	5	1	-	2	4
20, 21	-	5	-	-	1	-	1	3	-	-	-	5	-	-	-	1	-	-	-
(23)	2	39	-	8	7	3	1	2	-	1	-	19	-	-	9	1	-	4	7
22	3	32	2	5	15	4	1	9	-	2	-	24	-	-	7	-	-	4	20
(23)	-	3	-	1	1	1	-	1	-	-	-	3	-	-	2	-	-	-	2
24	-	4	-	1	5	-	-	4	-	-	-	3	-	-	-	-	-	-	1
25	3	20	-	-	11	1	2	7	-	-	-	11	-	-	4	-	-	4	6
26	-	7	-	-	3	-	-	3	-	-	-	4	-	-	-	-	-	1	1
27	-	5	-	-	6	-	-	-	-	-	-	3	-	-	-	-	-	2	2
28	-	2	-	-	1	-	1	2	-	-	-	-	-	-	1	-	-	1	3
29	1	30	-	6	24	4	1	26	-	3	-	34	-	-	21	1	-	4	5
30	-	3	-	-	2	-	-	1	-	-	-	-	-	-	-	-	-	1	1
31	-	3	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-
32	-	4	-	-	2	1	-	2	-	-	-	3	-	-	-	-	-	-	1
33	-	38	-	1	17	7	-	16	-	2	-	17	-	-	2	-	1	4	8
34	-	5	-	-	1	-	-	-	-	-	-	1	-	-	1	-	2	1	1
(35)	3	28	1	2	19	4	1	11	-	3	1	32	3	-	3	-	-	6	15
(35)	-	8	-	1	3	1	-	3	-	-	-	4	-	-	-	-	-	1	1
(35)	1	2	1	-	-	2	-	-	-	2	1	8	3	-	-	-	-	1	1
(35)	1	6	-	-	6	1	-	3	-	1	-	4	-	-	-	-	-	2	2
(35)	1	5	-	-	4	-	-	3	-	-	-	1	-	-	-	-	-	1	4
(35)	-	1	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	4
36	1	5	-	-	1	-	-	2	-	-	-	4	-	-	1	-	-	2	1
(35)	-	2	-	-	1	-	-	-	-	-	-	2	-	-	-	-	-	-	1
(37)	4	50	-	14	19	6	2	19	1	1	3	25	-	-	30	-	-	7	22
38	-	1	-	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-	4

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		Greenwich.	Groton.	Groveland.	Hadley.	Halifax.	Hamilton.	Hampden.	Hancock.	Hanover.	Hanson.
	All Causes.²	11	39	45	34	10	21	7	6	27	25
1	Typhoid fever (1),	—	—	—	—	—	—	—	—	—	—
3	Malaria (4),	—	—	—	—	—	—	—	—	—	—
4	Smallpox (5),	—	—	—	—	—	—	—	—	—	—
5	Measles (6),	—	—	—	—	—	—	—	—	—	—
6	Scarlet fever (7),	—	—	—	1	—	—	—	—	—	—
7	Whooping cough (8),	—	—	—	—	—	—	—	—	—	—
8	Diphtheria and croup (9),	—	—	—	—	—	1	—	—	—	—
9	Influenza (10),	—	—	—	—	—	2	—	—	—	3
(12)	Erysipelas (18),	—	—	—	—	—	—	—	—	1	—
(12)	Other epidemic diseases (2, 3, 11-17, 19),	—	—	—	—	—	—	—	—	—	—
13	Tuberculosis of the lungs (28, 29),	1	2	2	—	—	1	1	—	2	1
14	Tuberculous meningitis (30),	—	—	—	—	—	—	—	—	—	—
15	Other forms of tuberculosis (31-35),	—	—	—	—	—	—	—	—	1	1
16	Cancer (89-45),	—	3	4	5	1	—	—	1	3	1
(37)	Rheumatism (47, 48),	—	—	—	—	—	—	—	—	—	—
(37)	Diabetes (50),	—	—	1	1	—	—	—	—	—	—
17	Meningitis (61),	—	—	—	1	—	—	—	—	—	—
(37)	Poliomyelitis (63a),	—	—	—	—	—	2	—	—	—	—
18	Cerebral hemorrhage and softening (64, 65),	—	4	1	2	1	2	2	1	2	6
(37)	Acute endocarditis (78),	—	1	3	—	—	—	—	—	—	—
19	Organic diseases of the heart (79),	1	6	14	5	3	5	2	1	2	2
(37)	Angina pectoris (80),	—	—	—	—	—	—	—	—	—	—
(37)	Diseases of the arteries (81),	2	3	5	—	1	1	—	—	3	—
20, 21	Bronchitis (89, 90),	—	2	—	1	—	—	—	—	2	1
(23)	Broncho-pneumonia (91),	—	4	1	3	—	1	—	—	—	—
22	Pneumonia (92),	1	3	5	1	—	—	—	1	—	3
(23)	Other respiratory diseases (86-88, 93-98),	—	1	—	1	—	1	—	—	1	—
24	Diseases of the stomach (102, 103),	2	—	—	3	—	—	—	—	1	—
25	Diarrhea and enteritis (under 2 years) (104),	—	2	1	1	—	1	—	—	—	—
26	Appendicitis (108),	—	1	—	—	—	—	—	—	—	—
27	Hernia, intestinal obstruction (109),	—	1	—	1	—	—	—	—	—	—
28	Cirrhosis of the liver (113),	—	—	—	—	—	—	—	—	—	—
29	Nephritis and Bright's disease (119, 120),	—	2	2	—	—	—	1	1	3	1
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	—	—	—	1	—	—	—	—	—	—
31	Puerperal fever (137),	—	—	—	—	—	—	—	—	—	—
32	Other puerperal affections (134-136, 138-141),	—	—	—	1	—	—	—	—	—	—
33	Congenital debility and malformations (150, 151),	—	—	—	2	2	3	—	—	—	—
34	Senility (154),	—	—	—	—	1	—	—	—	—	—
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	—	2	3	1	1	1	1	1	1	2
(35)	Burns (conflagration excepted) (167),	—	—	—	—	—	—	—	—	—	1
(35)	Accidental drowning (169),	—	—	1	1	—	—	1	—	—	—
(35)	Traumatism by fall (172),	—	—	—	—	—	—	—	1	—	—
(35)	Railroad accidents and injuries (175a),	—	—	—	—	1	—	—	—	—	—
(35)	Automobile accidents and injuries (175c),	—	—	—	—	—	1	—	—	1	1
36	Suicide (155-163),	—	—	—	—	—	—	—	—	1	—
(35)	Homicide (182-184),	—	—	—	—	—	—	—	—	—	—
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	3	2	3	3	—	—	—	—	3	4
38	Ill-defined or unknown causes (187-189),	—	—	—	—	—	—	—	—	1	—

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	Hardwick.	Harvard.	Harwich.	Hatfield.	Haverhill.	Hawley.	Heath.	Hingham.	Hinsdale.	Holbrook.	Holden.	Holland.	Holliston.	Holyoke.	Hopedale.	Hopkinton.	Hubbardston.	Hudson.	Hull.
	35	8	43	31	720	9	5	59	18	46	34	6	53	1,081	23	29	15	77	34
1	-	-	-	-	4	-	-	-	-	-	-	-	-	5	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
6	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-
7	-	-	2	5	6	-	1	-	-	1	-	-	-	7	-	-	-	-	-
8	2	-	-	-	15	-	-	-	-	1	-	-	-	10	-	-	-	1	-
9	-	-	-	-	10	-	-	3	-	-	1	-	1	7	-	1	-	1	-
(12)	-	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-	1	-	-
(12)	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	2	-	2	1	54	1	-	2	2	-	3	-	5	80	1	3	-	3	2
14	-	-	-	1	5	-	-	-	-	-	-	-	-	12	-	2	-	-	-
15	-	-	-	-	7	-	-	-	-	-	-	1	-	11	-	-	-	-	-
16	2	-	2	-	57	-	1	2	1	2	4	-	5	54	2	5	4	7	5
(37)	-	-	-	-	1	-	-	1	-	-	-	-	-	3	-	-	-	-	-
(37)	-	-	2	-	10	1	-	2	1	2	-	-	-	21	2	-	1	2	-
17	-	-	-	-	2	-	-	-	1	-	1	-	-	5	-	-	-	2	1
(37)	-	-	-	-	3	-	-	-	-	-	-	-	-	34	-	1	-	-	-
18	1	1	7	1	40	1	-	8	3	8	-	-	6	39	-	1	-	6	2
(37)	1	-	-	2	10	-	-	1	-	4	-	-	1	23	-	-	-	2	1
19	6	3	11	3	88	3	1	9	3	7	5	1	12	96	6	2	2	10	1
(37)	-	-	-	-	3	-	-	2	-	-	-	-	1	2	2	1	-	4	-
(37)	-	1	2	2	38	-	-	4	-	2	5	-	3	14	2	1	-	4	2
20, 21	4	-	1	-	6	-	-	-	-	-	-	-	-	9	-	-	1	1	-
(23)	3	-	1	-	36	-	-	2	2	4	2	-	1	61	1	1	-	6	-
22	2	-	5	2	83	1	-	4	-	2	1	1	1	96	-	4	-	8	5
(23)	-	-	-	-	4	-	-	1	-	-	-	-	2	9	-	-	-	-	-
24	-	-	-	-	2	1	1	1	-	1	-	-	-	18	-	-	-	-	1
25	4	-	-	-	17	-	-	-	-	-	-	-	2	98	1	-	-	3	-
26	-	-	-	-	4	-	-	-	-	-	-	-	-	7	-	-	-	1	-
27	-	-	-	-	10	-	-	-	-	-	-	1	-	11	-	-	-	-	1
28	-	-	1	-	5	-	-	-	-	-	-	-	1	9	-	-	-	-	-
29	2	2	2	2	30	-	-	1	1	3	-	1	-	78	2	1	3	4	3
30	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-	-	-	-	1
31	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	1	-
32	1	-	-	-	10	-	-	-	-	-	1	-	-	8	-	-	-	-	-
33	-	-	1	3	45	-	-	2	-	2	3	-	3	98	1	1	-	-	1
34	-	-	-	-	1	-	-	-	-	-	2	-	1	-	-	-	-	-	-
(35)	1	1	2	3	32	-	1	5	4	2	1	-	3	44	-	1	1	2	3
(35)	-	-	1	-	3	-	-	-	-	1	-	-	-	10	-	-	-	1	1
(35)	-	-	-	3	3	-	1	1	-	-	-	-	2	4	-	1	-	1	1
(35)	-	-	1	-	8	-	-	1	1	-	-	-	-	9	-	-	-	-	-
(35)	-	1	-	-	5	-	-	1	3	1	1	-	1	3	-	-	-	1	1
(35)	-	-	-	-	2	-	-	2	-	-	-	-	-	3	-	-	1	-	-
36	-	-	-	-	9	1	-	2	-	-	-	-	-	5	1	-	-	1	-
(35)	-	-	-	-	-	-	-	1	-	-	1	-	-	3	-	-	-	-	-
(37)	4	-	2	5	57	-	-	5	-	5	3	1	5	95	2	4	2	8	3
38	-	-	-	-	6	-	-	1	-	-	-	-	-	1	-	-	-	-	2

² Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		Huntington.	Ipswich.	Kingston.	Lakeville.	Lancaster.	Lanesborough.	Lawrence.	Lee.	Leicester.	Lenox.
	All Causes.²	18	84	36	116	26	10	1,338	49	40	31
1	Typhoid fever (1),	—	—	1	—	—	—	8	—	—	—
3	Malaria (4),	—	—	—	—	—	—	—	—	—	—
4	Smallpox (5),	—	—	—	—	—	—	—	—	—	—
5	Measles (6),	—	—	—	—	—	—	17	—	—	—
6	Scarlet fever (7),	—	—	—	—	—	—	5	—	—	—
7	Whooping cough (8),	—	2	—	—	—	—	8	—	—	—
8	Diphtheria and croup (9),	—	—	—	1	—	—	24	—	—	—
9	Influenza (10),	—	—	—	—	1	—	11	1	—	2
(12)	Erysipelas (18),	—	1	—	—	—	—	5	—	—	—
(12)	Other epidemic diseases (2, 3, 11-17, 19),	—	—	—	—	—	—	2	—	—	—
13	Tuberculosis of the lungs (28, 29),	1	5	4	101	1	—	128	—	7	3
14	Tuberculous meningitis (30),	—	—	—	—	—	—	20	—	—	1
15	Other forms of tuberculosis (31-35),	—	—	1	1	—	—	6	—	—	—
16	Cancer (39-45),	2	7	4	3	1	—	67	2	2	3
(37)	Rheumatism (47, 48),	—	—	—	—	—	—	1	—	—	—
(37)	Diabetes (50),	—	1	—	—	—	1	12	—	2	2
17	Meningitis (61),	—	1	—	—	—	—	18	—	—	—
(37)	Poliomyelitis (63a),	—	—	—	—	—	—	2	—	—	—
18	Cerebral hemorrhage and softening (64, 65),	3	7	2	1	3	—	58	4	3	—
(37)	Acute endocarditis (78),	—	3	—	—	—	1	16	1	—	—
19	Organic diseases of the heart (79),	4	11	9	4	5	2	117	7	2	6
(37)	Angina pectoris (80),	—	—	—	—	2	—	4	1	1	1
(37)	Diseases of the arteries (81),	—	1	3	—	4	2	18	2	1	1
20, 21	Bronchitis (89, 90),	—	1	1	—	—	—	20	2	—	—
(23)	Broncho-pneumonia (91),	—	4	1	—	1	2	87	2	2	2
22	Pneumonia (92),	3	4	1	1	2	1	95	—	7	2
(23)	Other respiratory diseases (86-88, 93-98),	—	1	—	1	—	—	18	2	—	—
24	Diseases of the stomach (102, 103),	—	—	—	—	—	—	10	2	1	1
25	Diarrhea and enteritis (under 2 years) (104),	1	4	—	—	1	—	130	2	1	—
26	Appendicitis (108),	—	—	—	—	—	—	12	—	—	—
27	Hernia, intestinal obstruction (109),	—	—	—	—	—	—	8	—	—	—
28	Cirrhosis of the liver (113),	—	2	—	—	—	—	8	2	—	1
29	Nephritis and Bright's disease (119, 120),	2	—	2	1	2	—	84	3	4	2
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	—	—	—	—	—	—	4	—	—	—
31	Puerperal fever (137),	—	1	—	—	—	—	4	—	—	—
32	Other puerperal affections (134-136, 138-141),	—	—	—	—	—	—	10	—	1	—
33	Congenital debility and malformations (150, 151),	1	13	3	—	1	—	74	3	2	—
34	Senility (154),	—	—	—	—	—	—	6	1	—	—
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	—	6	1	—	1	—	71	4	—	2
(35)	Burns (conflagration excepted) (167),	—	1	—	—	—	—	9	1	—	1
(35)	Accidental drowning (169),	—	1	—	—	1	—	6	1	—	—
(35)	Traumatism by fall (172),	—	—	—	—	—	—	15	1	—	—
(35)	Railroad accidents and injuries (175a),	—	2	—	—	—	—	5	1	—	—
(35)	Automobile accidents and injuries (175c),	—	1	—	—	—	—	6	—	—	—
36	Suicide (155-163),	—	2	—	1	—	—	9	—	1	—
(35)	Homicide (182-184),	—	—	—	—	—	—	10	—	—	—
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	1	7	3	1	1	1	111	8	3	2
38	Ill-defined or unknown causes (187-189),	—	—	—	—	—	—	20	—	—	—

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	Iominster.	Leverett.	Lexington.	Leyden.	Lincoln.	Littleton.	Longmeadow.	Lowell.	Ludlow.	Lunenburg.	Lynn.	Lynnfield.	Yalden.	Manchester.	Mansfield.	Marblehead.	Marion.	Marlborough.	Marshfield.
	233	12	82	1	10	21	19	1,964	114	33	1,256	19	581	24	71	111	31	207	40
1	1	-	1	-	-	-	-	13	-	-	9	-	4	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	1	-	-	-	-	-	-	28	-	-	13	-	-	-	-	1	-	-	-
6	-	-	-	-	-	-	-	6	-	-	6	-	2	-	-	-	-	-	-
7	1	1	1	-	-	-	-	8	-	-	4	-	5	-	-	-	-	-	-
8	7	-	-	-	-	-	-	45	6	1	20	-	11	-	-	1	-	1	-
9	3	-	-	-	-	-	-	9	-	-	8	1	5	-	-	-	1	1	-
(12)	-	-	1	-	-	-	-	3	-	-	6	-	2	-	-	-	-	-	-
(12)	-	-	2	-	-	-	-	4	-	-	1	-	1	-	-	-	-	-	-
13	11	-	7	-	1	2	-	123	8	-	102	-	21	1	2	6	2	15	1
14	1	-	1	-	-	-	-	23	1	-	7	-	3	-	1	-	-	2	-
15	4	-	-	-	-	-	-	13	-	-	6	1	4	-	-	-	1	-	-
16	17	2	5	-	1	1	7	94	-	3	100	3	58	4	9	11	1	17	2
(37)	1	-	-	-	-	-	-	8	-	-	3	-	1	-	-	-	-	-	-
(37)	1	-	-	-	-	-	1	21	-	2	14	-	10	2	2	4	-	-	1
17	2	-	-	-	-	-	-	19	2	-	8	-	4	-	-	-	-	3	-
(37)	-	-	-	-	-	1	-	4	-	-	16	-	11	-	-	-	-	2	-
18	10	-	9	-	-	3	3	95	2	2	97	1	32	2	8	8	7	15	9
(37)	6	-	2	-	-	-	1	59	1	-	14	-	14	-	1	-	-	3	-
19	38	2	7	-	4	3	4	159	13	3	153	1	90	2	12	27	4	39	3
(37)	1	-	2	-	-	-	-	4	1	2	21	-	3	-	-	-	-	5	1
(37)	2	1	10	-	1	3	-	118	-	6	30	1	32	3	2	7	5	9	1
20, 21	4	-	-	-	-	-	1	65	1	2	16	1	5	1	1	2	1	3	-
(23)	10	1	2	1	-	-	1	86	11	-	45	-	16	1	2	3	-	8	-
22	10	1	6	-	-	-	1	139	10	1	82	6	46	-	3	12	3	14	2
(23)	-	-	-	-	-	-	-	12	-	1	7	-	8	-	1	1	-	1	2
24	4	1	-	-	-	1	-	12	-	-	16	-	7	-	-	1	-	2	-
25	8	-	1	-	-	-	-	183	22	-	26	-	14	-	1	-	-	5	-
26	-	2	-	-	-	-	-	15	1	-	13	-	4	-	-	-	-	2	2
27	3	-	1	-	-	1	-	19	1	-	8	-	3	-	-	-	1	2	-
28	-	-	1	-	-	-	-	16	-	1	4	-	2	-	-	-	1	1	-
29	25	-	4	-	1	1	-	107	5	1	97	1	46	1	6	11	1	9	2
30	-	-	-	-	-	-	-	6	-	-	6	-	1	-	-	-	-	1	1
31	1	-	-	-	-	-	-	6	-	-	3	-	-	-	-	-	-	2	-
32	2	-	-	-	-	-	-	8	1	-	13	-	3	-	2	-	-	1	-
33	12	-	3	-	-	-	-	154	16	1	87	-	30	2	3	6	1	7	2
34	7	-	1	-	-	-	-	6	-	2	10	-	1	1	1	3	-	-	1
(35)	10	-	6	-	1	3	-	92	4	1	53	1	24	-	7	3	2	10	4
(35)	1	-	-	-	-	-	-	13	-	-	4	-	4	-	-	1	-	1	1
(35)	2	-	-	-	-	-	-	11	-	-	6	-	1	-	-	-	1	1	-
(35)	2	-	1	-	-	1	-	22	-	-	19	-	9	-	1	2	-	5	-
(35)	1	-	-	-	-	2	-	6	-	-	3	-	4	-	2	-	1	-	-
(35)	1	-	-	-	-	-	-	6	1	-	5	-	-	-	2	-	-	-	3
36	4	-	2	-	-	-	-	9	-	-	11	-	8	-	1	-	-	2	1
(35)	1	-	-	-	-	-	-	1	-	-	3	-	-	-	-	-	-	-	1
(37)	25	-	7	-	1	2	-	171	7	4	114	2	50	4	6	4	-	23	4
38	-	1	-	-	-	-	-	1	-	-	4	-	-	-	-	-	-	2	-

* Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES										
		Mashpee.	Mattapoisett.	Maynard.	Medfield.	Medford.	Medway.	Melrose.	Mendon.	Merrimac.	Methuen.	
	All Causes.²	1	19	67	131	354	40	224	17	31	213	
1	Typhoid fever (1),	-	-	-	1	-	-	1	-	-	2	
3	Malaria (4),	-	-	-	-	-	-	-	-	-	-	
4	Smallpox (5),	-	-	-	-	-	-	-	-	-	-	
5	Measles (6),	-	-	1	-	-	-	-	-	-	1	
6	Scarlet fever (7),	-	-	-	-	1	-	1	-	1	-	
7	Whooping cough (8),	-	-	-	-	4	-	4	-	1	2	
8	Diphtheria and croup (9),	-	-	-	1	1	1	1	-	-	1	
9	Influenza (10),	-	-	-	1	4	1	5	1	1	1	
(12)	Erysipelas (18),	-	-	-	1	1	-	1	-	-	1	
(12)	Other epidemic diseases (2, 3, 11-17, 19),	-	-	1	-	-	1	-	-	-	2	
13	Tuberculosis of the lungs (28, 29),	-	1	5	19	14	5	10	1	1	21	
14	Tuberculous meningitis (30),	-	-	-	-	6	-	-	-	-	3	
15	Other forms of tuberculosis (31-35),	-	-	-	5	1	-	2	-	-	1	
16	Cancer (39-45),	-	3	6	3	45	4	20	3	2	21	
(37)	Rheumatism (47, 48),	-	-	-	-	3	-	1	-	-	-	
(37)	Diabetes (50),	-	2	1	1	2	-	3	-	-	7	
17	Meningitis (61),	-	-	-	-	-	-	-	-	-	-	
(37)	Polioomyelitis (63a),	1	-	-	-	6	-	3	-	-	-	
18	Cerebral hemorrhage and softening (64, 65),	-	2	5	7	28	5	20	1	4	11	
(37)	Acute endocarditis (78),	-	-	-	4	11	-	7	-	-	3	
19	Organic diseases of the heart (79),	-	3	6	20	65	6	32	2	3	23	
(37)	Angina pectoris (80),	-	-	-	1	7	1	2	-	-	2	
(37)	Diseases of the arteries (81),	-	2	2	2	24	2	10	-	2	6	
20, 21	Bronchitis (89, 90),	-	1	1	2	4	1	1	-	-	4	
(23)	Broncho-pneumonia (91),	-	-	1	8	15	2	4	1	1	10	
22	Pneumonia (92),	-	-	7	16	25	2	16	1	5	12	
(23)	Other respiratory diseases (86-88, 93-98),	-	-	1	-	1	2	2	-	-	1	
24	Diseases of the stomach (102, 103),	-	-	4	-	1	-	2	-	-	-	
25	Diarrhea and enteritis (under 2 years) (104),	-	1	3	-	8	2	5	1	-	13	
26	Appendicitis (108),	-	-	-	-	1	-	3	-	-	3	
27	Hernia, intestinal obstruction (109),	-	-	-	1	-	-	-	-	-	2	
28	Cirrhosis of the liver (113),	-	-	-	2	1	-	-	-	-	-	
29	Nephritis and Bright's disease (119, 120),	-	1	2	8	23	2	16	-	2	11	
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	-	-	-	1	1	-	1	-	-	-	
31	Puerperal fever (137),	-	-	-	-	1	-	3	-	-	-	
32	Other puerperal affections (134-136, 138-141),	-	-	1	-	4	-	3	-	-	2	
33	Congenital debility and malformations (150, 151),	-	-	9	1	16	-	4	1	-	7	
34	Senility (154),	-	1	-	-	-	-	2	-	1	-	
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	-	-	3	4	7	2	11	3	2	7	
(35)	Burns (conflagration excepted) (167),	-	-	2	-	-	-	3	2	-	-	
(35)	Accidental drowning (169),	-	-	1	1	2	-	-	1	-	3	
(35)	Traumatism by fall (172),	-	-	-	2	3	-	3	-	-	2	
(35)	Railroad accidents and injuries (175a),	-	-	-	-	1	-	-	-	-	-	
(35)	Automobile accidents and injuries (175c),	-	-	-	-	-	-	2	-	1	-	
36	Suicide (155-163),	-	-	2	-	2	-	1	-	-	3	
(35)	Homicide (182-184),	-	-	-	1	-	-	1	-	-	-	
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	-	2	6	21	21	1	25	2	4	25	
38	Ill-defined or unknown causes (187-189),	-	-	-	-	-	-	1	-	1	5	

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	Middleborough.	Middlefield.	Middleton.	Milford.	Milbury.	Millis.	Milville.	Milton.	Monroe.	Monson.	Montague.	Monterey.	Montgomery.	Mount Washington.	Nahant.	Nantucket.	Natick.	Needham.	New Ashford.
	89	4	14	190	66	10	29	84	3	115	145	4	-	-	15	63	132	65	-
1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-
6	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-
7	4	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-
8	5	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-
9	5	-	-	-	1	-	-	-	-	1	3	-	-	-	-	-	4	2	-
(12)	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(12)	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	5	-	2	14	8	1	3	2	-	4	11	-	-	-	1	2	3	5	-
14	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	1	1	-	-
15	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-
16	7	-	-	19	3	-	2	4	1	6	11	-	-	-	3	2	11	8	-
(37)	3	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	1	-	-
(37)	2	-	1	4	1	-	-	-	-	-	1	-	-	-	-	-	1	1	-
17	-	-	-	3	-	-	-	2	-	-	4	-	-	-	-	-	-	-	-
(37)	-	-	1	-	-	-	1	-	-	5	-	-	-	-	-	-	-	-	-
18	11	1	1	16	4	1	2	3	-	6	9	-	-	-	2	5	15	4	-
(37)	-	-	-	2	3	-	1	3	-	1	3	-	-	-	-	1	-	-	-
19	12	1	1	9	9	3	2	25	1	11	15	1	-	-	2	12	22	11	-
(37)	1	-	-	4	1	-	-	2	-	1	1	-	-	-	-	6	2	2	-
(37)	3	-	-	7	2	-	-	4	-	2	3	-	-	-	1	13	2	2	-
20, 21	3	-	-	4	3	1	-	3	-	1	2	-	-	-	2	-	1	1	-
(23)	3	-	1	11	1	-	-	4	-	7	11	1	-	-	-	4	3	5	-
22	5	-	-	16	6	-	-	7	-	7	10	-	-	-	1	6	14	3	-
(23)	-	-	-	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
24	1	-	-	3	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-
25	1	-	-	3	1	-	3	-	-	1	6	-	-	-	-	-	1	1	-
26	1	-	-	2	-	-	-	-	-	-	2	-	-	-	-	-	1	1	-
27	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	-
28	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
29	4	-	4	12	2	1	4	8	-	10	10	1	-	-	-	6	7	2	-
30	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
31	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
32	-	1	-	2	-	-	1	-	-	-	2	-	-	-	-	-	1	-	-
33	6	-	1	10	9	-	-	2	-	2	6	-	-	-	1	1	6	2	-
34	-	-	-	1	-	-	-	-	-	3	2	-	-	-	-	1	-	-	-
(35)	2	-	2	11	3	2	-	4	1	2	6	1	-	-	-	5	11	4	-
(35)	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-
(35)	-	-	-	2	-	1	-	1	-	1	2	1	-	-	-	1	1	-	-
(35)	1	-	-	1	-	-	-	3	1	1	1	-	-	-	-	2	4	-	-
(35)	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	1	-
(35)	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-
36	-	-	-	1	-	-	1	-	-	2	1	-	-	-	-	2	-	-	-
(35)	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
(37)	7	1	-	24	7	-	4	8	-	40	12	-	-	-	1	1	17	5	-
38	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	-

² Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		New Bedford.	New Braintree.	New Marlborough.	New Salem.	Newbury.	Newburyport.	Newton.	Norfolk.	North Adams.	North Andover.
	All Causes.²	1,813	5	19	14	18	237	470	24	310	67
1	Typhoid fever (1),	8	-	-	-	-	-	1	-	6	-
3	Malaria (4),	-	-	-	-	-	-	-	-	-	-
4	Smallpox (5),	-	-	-	-	-	-	-	-	-	-
5	Measles (6),	12	-	-	-	-	-	1	-	1	-
6	Scarlet fever (7),	2	-	-	-	-	-	-	-	1	-
7	Whooping cough (8),	13	-	1	-	-	1	1	-	-	-
8	Diphtheria and croup (9),	11	-	-	-	-	-	1	-	1	-
9	Influenza (10),	9	-	-	1	-	5	2	-	7	1
(12)	Erysipelas (18),	6	-	-	-	-	-	4	-	1	-
(12)	Other epidemic diseases (2, 3, 11-17, 19),	1	-	-	-	-	-	1	1	-	-
13	Tuberculosis of the lungs (28, 29),	170	-	-	-	1	6	17	1	16	5
14	Tuberculous meningitis (30),	22	-	-	-	-	2	4	-	-	1
15	Other forms of tuberculosis (31-35),	20	-	-	-	-	2	1	-	2	-
16	Cancer (39-45),	92	1	1	3	-	14	49	4	24	6
(37)	Rheumatism (47, 48),	6	-	-	-	-	-	1	-	-	-
(37)	Diabetes (50),	17	-	-	-	1	1	4	-	2	1
17	Meningitis (61),	13	-	-	-	1	1	4	-	3	-
(37)	Poliomyelitis (63a),	1	-	-	-	2	6	4	-	13	1
18	Cerebral hemorrhage and softening (64, 65),	69	-	3	4	1	18	42	1	18	4
(37)	Acute endocarditis (78),	27	1	-	-	-	14	13	-	9	1
19	Organic diseases of the heart (79),	148	-	3	2	5	39	60	4	36	10
(37)	Angina pectoris (80),	9	-	-	-	1	8	9	-	2	-
(37)	Diseases of the arteries (81),	71	-	-	-	1	9	13	-	10	2
20, 21	Bronchitis (89, 90),	43	-	-	-	-	5	9	-	6	2
(23)	Broncho-pneumonia (91),	137	-	3	-	1	17	18	1	5	2
22	Pneumonia (92),	104	-	2	-	1	13	42	-	17	9
(23)	Other respiratory diseases (86-88, 93-98),	20	-	1	-	-	-	5	-	9	1
24	Diseases of the stomach (102, 103),	12	-	-	-	-	1	4	-	2	2
25	Diarrhea and enteritis (under 2 years) (104),	194	1	-	-	-	8	8	-	11	2
26	Appendicitis (108),	6	-	-	-	-	3	2	-	4	1
27	Hernia, intestinal obstruction (109),	17	-	1	-	-	2	3	-	-	-
28	Cirrhosis of the liver (113),	13	-	-	-	-	1	4	-	-	-
29	Nephritis and Bright's disease (119, 120),	85	1	1	2	1	11	26	1	20	7
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	10	-	-	-	-	-	1	-	3	1
31	Puerperal fever (137),	10	-	-	-	-	1	-	-	1	-
32	Other puerperal affections (134-136, 138-141),	14	-	-	-	-	2	1	-	5	-
33	Congenital debility and malformations (150, 151),	124	-	1	-	-	18	28	1	14	-
34	Senility (154),	11	-	-	-	-	-	6	-	-	-
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	88	-	2	-	1	9	20	3	21	1
(35)	<i>Burns (conflagration excepted) (167),</i>	9	-	-	-	-	-	-	-	3	-
(35)	<i>Accidental drowning (169),</i>	8	-	-	-	1	1	3	-	1	-
(35)	<i>Traumatism by fall (172),</i>	22	-	1	-	-	-	5	-	9	1
(35)	<i>Railroad accidents and injuries (175a),</i>	2	-	-	-	-	4	2	2	1	-
(35)	<i>Automobile accidents and injuries (175c),</i>	9	-	-	-	-	3	6	-	1	-
36	Suicide (155-163),	22	-	-	-	-	1	2	-	3	-
(35)	Homicide (182-184),	3	-	-	-	-	-	1	-	-	-
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	153	1	-	2	1	18	58	7	37	6
38	Ill-defined or unknown causes (187-189),	20	-	-	-	-	1	-	-	-	1

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	North Atleborough.	North Brookfield.	North Reading.	Northampton.	Northborough.	Northbridge.	Northfield.	Norton.	Norwell.	Norwood.	Oak Bluffs.	Oakham.	Orange.	Orleans.	Otis.	Oxford.	Palmer.	Paxton.	Peabody.
	110	50	68	433	22	122	24	31	19	123	17	8	71	19	9	57	120	2	245
1	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	4	-	1	-	1	-	-	-	-	-	-	-	1	-	-	-
6	1	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
7	1	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1
8	2	-	-	3	-	1	-	-	-	-	-	-	1	-	-	-	1	-	2
9	1	1	-	5	-	1	-	-	-	1	-	-	-	1	1	-	-	-	2
(12)	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
(12)	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	5	-	54	37	1	6	2	-	-	6	2	-	3	-	2	1	13	-	7
14	-	-	-	2	-	1	-	2	-	2	-	-	-	-	-	-	-	-	-
15	-	-	-	-	1	2	-	-	-	1	-	-	2	-	-	-	1	-	5
16	9	3	-	23	2	8	5	-	1	7	5	1	12	4	1	5	13	-	18
(37)	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-
(37)	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	7
17	2	-	-	12	-	-	-	-	1	-	-	-	-	-	-	2	-	-	3
(37)	-	-	-	2	-	-	-	-	-	1	-	-	2	-	-	-	2	-	7
(37)	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
18	10	3	2	55	3	4	5	3	3	10	-	1	9	2	1	5	3	1	24
(37)	3	1	-	5	1	3	1	-	-	2	-	-	-	1	-	-	2	-	4
19	19	9	3	52	2	20	1	5	5	17	2	2	13	3	2	9	14	-	24
(37)	-	2	-	3	-	2	-	-	-	-	-	-	-	1	-	-	1	-	1
(37)	8	4	3	25	-	1	1	-	1	1	2	-	2	-	-	1	1	-	6
20, 21	2	2	-	3	1	2	-	-	-	3	2	-	-	-	-	2	2	-	3
(23)	2	1	1	20	1	4	3	1	2	17	-	1	4	-	-	3	3	-	15
22	1	6	3	19	-	18	1	3	1	9	1	-	5	-	-	2	7	-	16
(23)	3	1	-	3	-	1	-	-	-	1	-	-	2	-	-	-	-	-	1
24	2	2	-	4	-	1	-	1	-	2	-	1	-	-	-	1	2	-	2
25	2	1	-	8	-	5	-	1	-	6	1	-	1	-	-	-	13	-	9
26	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-
27	-	2	-	3	-	1	-	1	-	1	-	-	1	-	-	-	-	-	6
28	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
29	9	2	-	22	2	9	2	2	1	3	-	2	4	3	-	8	11	1	11
30	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	5
31	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	5	-	1	-	-	-	1	-	-	-	-	-	-	1	-	3
33	10	1	-	16	2	7	-	-	-	12	-	-	3	1	-	5	11	-	19
34	-	3	-	9	-	2	1	-	-	-	-	-	-	-	1	2	1	-	3
(35)	6	-	1	15	2	5	2	5	-	6	-	-	2	2	-	-	3	-	17
(35)	1	-	-	1	-	1	-	-	-	1	-	-	1	-	-	-	-	-	2
(35)	-	-	-	2	-	1	-	1	-	1	-	-	-	1	-	-	1	-	-
(35)	1	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	3
(35)	-	-	-	4	-	1	2	1	-	1	-	-	1	1	-	-	1	-	4
(35)	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	1	-	1
36	1	-	-	3	1	-	-	-	2	1	-	-	-	-	-	1	2	-	2
(35)	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
(37)	9	6	1	55	3	12	-	6	-	10	-	-	3	-	-	7	11	-	18
38	-	-	-	1	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		Pelham.	Pembroke.	Pepperell.	Peru.	Petersham.	Phillipston.	Pittsfield.	Plainfield.	Plainville.	Plymouth.
	All Causes.²	6	28	59	6	10	6	550	8	15	179
1	Typhoid fever (1),	-	-	-	-	-	1	-	-	-	3
3	Malaria (4),	-	-	-	-	-	-	-	-	-	-
4	Smallpox (5),	-	-	-	-	-	-	-	-	-	-
5	Measles (6),	-	-	-	-	-	-	-	-	-	2
6	Scarlet fever (7),	-	-	1	-	-	-	1	-	-	1
7	Whooping cough (8),	-	-	-	-	-	-	1	-	-	-
8	Diphtheria and croup (9),	-	-	-	-	-	-	9	-	-	1
9	Influenza (10),	1	2	1	-	-	-	2	-	-	3
(12)	Erysipelas (18),	-	-	-	-	-	-	1	-	-	-
(12)	Other epidemic diseases (2, 3, 11-17, 19),	-	-	-	-	-	-	-	-	-	-
13	Tuberculosis of the lungs (28, 29),	1	2	4	-	-	1	33	-	-	6
14	Tuberculous meningitis (30),	-	2	-	-	-	-	1	-	-	4
15	Other forms of tuberculosis (31-35),	-	1	-	-	-	-	2	-	-	2
16	Cancer (39-45),	1	2	6	-	1	1	39	-	1	18
(37)	Rheumatism (47, 48),	-	-	1	-	-	-	1	-	-	1
(37)	Diabetes (50),	-	-	2	-	-	-	9	-	-	3
17	Meningitis (61),	-	-	-	-	-	-	6	-	-	1
(37)	Poliomyelitis (63a),	-	-	-	-	-	-	14	-	-	-
18	Cerebral hemorrhage and softening (64, 65),	2	3	7	-	1	-	49	1	2	11
(37)	Acute endocarditis (78),	-	-	-	1	-	-	9	-	1	1
19	Organic diseases of the heart (79),	-	4	12	3	4	1	70	3	5	24
(37)	Angina pectoris (80),	-	1	-	-	-	-	6	-	-	1
(37)	Diseases of the arteries (81),	-	1	5	1	-	-	9	-	2	4
20, 21	Bronchitis (89, 90),	-	-	3	-	-	-	3	-	-	6
(23)	Broncho-pneumonia (91),	-	1	1	-	-	-	20	-	-	10
22	Pneumonia (92),	-	1	3	-	1	-	29	1	1	6
(23)	Other respiratory diseases (86-88, 93-98),	-	-	-	-	-	-	10	-	-	2
24	Diseases of the stomach (102, 103),	-	-	-	-	-	-	9	-	-	3
25	Diarrhea and enteritis (under 2 years) (104),	-	-	-	-	-	-	10	-	-	6
26	Appendicitis (108),	-	-	-	-	-	-	4	-	-	-
27	Hernia, intestinal obstruction (109),	-	-	-	-	-	-	6	-	-	2
28	Cirrhosis of the liver (113),	-	-	-	-	-	-	6	-	-	-
29	Nephritis and Bright's disease (119, 120),	-	1	4	1	2	-	41	-	-	11
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	-	1	-	-	1	-	2	-	-	-
31	Puerperal fever (137),	-	-	-	-	-	-	3	-	-	-
32	Other puerperal affections (134-136, 138-141),	-	-	-	-	-	-	8	-	-	2
33	Congenital debility and malformations (150, 151),	-	2	1	-	-	1	37	-	1	11
34	Senility (154),	-	-	2	-	-	1	2	-	-	2
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	-	-	3	-	-	-	44	-	2	11
(35)	Burns (conflagration excepted) (167),	-	-	1	-	-	-	2	-	-	1
(35)	Accidental drowning (169),	-	-	-	-	-	-	6	-	-	-
(35)	Traumatism by fall (172),	-	-	-	-	-	-	7	-	-	5
(35)	Railroad accidents and injuries (175a),	-	-	-	-	-	-	10	-	-	1
(35)	Automobile accidents and injuries (175c),	-	-	-	-	-	-	7	-	1	1
36	Suicide (155-163),	-	1	-	-	-	-	4	1	-	1
(35)	Homicide (182-184),	-	-	-	-	-	-	1	-	-	-
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	1	1	3	-	-	-	49	2	-	20
38	Ill-defined or unknown causes (187-189),	-	2	-	-	-	-	-	-	-	-

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	Plympton.	Prescott.	Princeton.	Provincetown.	Quincy.	Randolph.	Raynham.	Reading.	Rehoboth.	Revere.	Richmond.	Rochester.	Rockland.	Rockport.	Rowe.	Rowley.	Royalston.	Russell.	Rutland.
	11	3	8	65	446	67	33	83	38	189	3	15	90	56	2	24	14	11	68
1	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	1	1	-	1	-	-	-	-	1	-	-	-	-	-	-
6	-	-	-	-	4	-	-	-	-	2	-	-	-	-	-	-	-	-	-
7	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
8	-	-	-	2	1	1	-	-	-	-	-	-	1	-	-	-	-	-	-
9	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-
(12)	-	-	-	-	1	-	-	-	-	1	-	-	1	-	-	-	-	-	-
(12)	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	2	37	4	3	6	5	11	-	1	6	1	-	1	1	1	52
14	-	-	-	-	5	-	-	1	-	2	-	-	-	-	-	-	-	-	2
15	-	-	-	1	7	1	-	1	-	1	-	-	1	-	-	-	1	-	1
16	-	-	1	6	34	5	3	10	1	18	-	1	10	9	-	1	-	-	2
(37)	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(37)	-	-	-	3	6	1	-	-	-	2	-	-	2	2	1	-	-	-	1
17	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
(37)	-	-	-	-	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-
18	3	2	2	6	24	4	3	8	3	16	-	1	10	2	-	3	1	-	-
(37)	-	-	-	1	11	4	-	3	1	7	-	-	2	2	-	-	-	-	-
19	2	1	1	15	61	12	1	12	4	33	-	3	16	6	-	2	4	-	2
(37)	-	-	-	1	3	-	-	1	-	1	1	-	2	-	-	-	-	-	1
(37)	2	-	-	5	15	3	4	10	2	10	-	1	9	3	-	1	1	2	-
20, 21	-	-	-	1	2	2	4	-	3	1	-	-	1	1	1	-	-	-	-
(23)	-	-	-	1	23	1	2	3	4	5	-	1	1	1	-	-	1	-	2
22	1	-	1	-	32	3	1	10	3	12	-	-	6	6	-	4	-	-	-
(23)	1	-	1	-	-	-	-	1	-	3	-	-	1	2	-	-	-	-	1
24	-	-	-	-	4	1	-	-	-	4	-	-	-	-	-	-	-	-	-
25	-	-	1	2	15	-	1	-	2	5	-	1	1	2	-	1	-	1	1
26	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-	-	-	4	-	-	-	1	-	-	-	-	-
29	1	-	-	9	17	4	5	4	1	10	-	-	6	5	-	1	-	1	-
30	-	-	-	-	2	-	-	1	-	1	-	-	-	-	-	-	-	-	-
31	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	-	-
32	-	-	-	1	3	-	-	-	-	1	-	-	-	-	-	-	-	-	-
33	-	-	-	3	31	1	2	1	2	11	1	1	3	3	-	1	-	3	1
34	-	-	-	1	2	1	-	-	-	1	-	-	1	-	-	-	-	-	-
(35)	-	-	-	3	35	6	2	3	1	9	-	2	4	2	-	4	3	1	1
(35)	-	-	-	-	4	1	-	-	-	1	-	-	-	-	-	-	-	-	-
(35)	-	-	-	3	5	-	1	-	-	1	-	-	-	1	-	1	-	-	-
(35)	-	-	-	-	5	1	-	2	-	-	-	1	2	-	-	-	-	-	-
(35)	-	-	-	-	2	-	-	-	-	2	-	-	-	-	-	1	3	-	-
(35)	-	-	-	-	8	1	-	1	1	2	-	-	-	1	-	1	-	-	-
36	-	-	1	-	4	-	-	-	-	2	-	1	-	-	-	-	-	-	-
(35)	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(37)	-	-	-	1	37	9	1	3	5	15	1	2	3	8	-	5	2	1	1
38	1	-	-	-	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		Salem.	Salisbury.	Sandisfield.	Sandwich.	Saugus.	Savoy.	Scituate.	Seekonk.	Sharon.	Sheffield.
	All Causes.²	588	26	12	19	101	10	43	40	27	25
1	Typhoid fever (1),	3	—	—	—	1	1	—	—	—	—
3	Malaria (4),	—	—	—	—	—	—	—	—	—	—
4	Smallpox (5),	—	—	—	—	—	—	—	—	—	—
5	Measles (6),	—	—	—	—	2	—	—	2	—	—
6	Scarlet fever (7),	1	—	—	—	—	—	—	—	—	—
7	Whooping cough (8),	3	—	—	—	2	—	—	—	—	2
8	Diphtheria and croup (9),	2	—	—	—	—	—	—	—	—	—
9	Influenza (10),	10	—	4	1	—	2	1	—	—	—
(12)	Erysipelas (18),	1	—	—	—	—	—	—	—	—	—
(12)	Other epidemic diseases (2, 3, 11-17, 19),	2	—	—	1	—	—	—	—	—	—
13	Tuberculosis of the lungs (28, 29),	47	—	1	2	4	—	1	2	3	—
14	Tuberculous meningitis (30),	7	—	—	—	—	—	—	—	—	—
15	Other forms of tuberculosis (31-35),	4	—	—	—	1	—	1	—	—	—
16	Cancer (33-45),	45	6	1	1	8	—	2	2	3	3
(37)	Rheumatism (47, 48),	4	—	—	—	1	—	—	—	—	—
(37)	Diabetes (50),	6	1	—	—	4	—	—	1	—	2
17	Meningitis (61),	5	—	—	—	1	—	—	1	1	—
(37)	Poliomyelitis (63a),	1	1	—	—	—	—	—	—	—	1
18	Cerebral hemorrhage and softening (64, 65),	44	2	—	1	6	1	6	3	1	1
(37)	Acute endocarditis (78),	17	—	—	1	1	—	1	1	—	1
19	Organic diseases of the heart (79),	73	5	—	3	25	—	11	8	9	3
(37)	Angina pectoris (80),	3	—	—	—	1	—	—	—	—	1
(37)	Diseases of the arteries (81),	27	—	—	1	5	—	1	—	—	2
20, 21	Bronchitis (89, 90),	11	1	—	—	1	—	—	—	1	—
(23)	Broncho-pneumonia (91),	26	1	—	—	6	—	1	6	1	3
22	Pneumonia (92),	37	—	2	1	4	1	1	1	1	1
(23)	Other respiratory diseases (86-88, 93-98),	4	—	—	—	2	—	—	—	—	1
24	Diseases of the stomach (102, 103),	2	2	—	—	—	—	1	1	—	—
25	Diarrhea and enteritis (under 2 years) (104),	31	—	—	—	1	2	1	3	1	1
26	Appendicitis (108),	2	—	—	—	—	—	1	—	—	—
27	Hernia, intestinal obstruction (109),	3	—	—	—	—	—	—	—	—	—
28	Cirrhosis of the liver (113),	3	—	1	—	1	—	—	—	1	1
29	Nephritis and Bright's disease (119, 120),	24	1	—	1	5	—	2	—	1	—
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	—	—	—	—	—	—	—	—	—	—
31	Puerperal fever (137),	4	—	—	—	1	—	—	—	—	—
32	Other puerperal affections (131-133, 138-141),	5	—	—	—	1	—	1	—	—	—
33	Congenital debility and malformations (150, 151),	45	—	1	—	6	—	—	4	1	—
34	Senility (154),	3	1	1	—	1	—	—	1	—	—
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	23	1	—	1	2	—	6	—	1	—
(35)	Burns (conflagration excepted) (167),	2	—	—	—	—	—	1	—	—	—
(35)	Accidental drowning (169),	3	1	—	—	—	—	3	—	—	—
(35)	Traumatism by fall (172),	6	—	—	—	—	—	1	—	—	—
(35)	Railroad accidents and injuries (175a),	1	—	—	—	—	—	—	—	—	—
(35)	Automobile accidents and injuries (175c),	2	—	—	1	—	—	—	—	—	—
36	Suicide (155-163),	6	—	—	—	1	1	—	2	—	—
(35)	Homicide (182-184),	4	—	—	—	—	—	—	—	—	—
(37)	All other defined causes (20-27, 33-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	48	4	1	5	7	2	3	2	2	2
33	Ill-defined or unknown causes (187-189),	2	—	—	—	—	—	2	—	—	—

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	Shelburne.	Sherborn.	Shirley.	Shrewsbury.	Shutesbury.	Somerset.	Somerville.	South Hadley.	Southampton.	Southborough.	Southbridge.	Southwick.	Spencer.	Springfield.	Sterling.	Stockbridge.	Stoneham.	Stoughton.	Stow.
	26	13	22	40	3	56	1,080	55	15	23	157	11	76	1,742	18	20	99	90	13
1	1	-	-	-	-	-	1	-	-	-	-	-	-	6	-	-	-	1	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	3	-	-	-	1	-	-	14	-	-	-	1	-
6	-	-	-	-	-	1	2	-	-	-	-	-	-	4	-	-	-	-	-
7	-	-	-	-	-	1	8	-	-	-	2	-	2	2	-	-	-	-	-
8	-	-	-	-	-	3	23	1	-	-	4	-	-	18	-	-	1	-	-
9	-	-	1	-	1	2	11	-	-	-	1	-	-	13	-	-	3	-	1
(12)	-	-	-	-	-	-	5	1	-	-	-	-	-	6	-	-	-	-	-
(12)	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-
13	2	-	-	1	-	3	91	3	1	2	5	1	6	73	2	2	4	9	-
14	-	1	-	-	-	-	9	-	-	-	1	-	-	13	-	-	1	-	-
15	-	-	-	-	-	-	10	-	-	-	-	-	1	10	-	1	2	-	-
16	2	4	1	3	-	3	92	4	1	1	14	-	8	116	2	1	14	8	1
(37)	-	-	-	-	-	-	-	-	-	-	-	-	1	11	-	-	-	1	-
(37)	-	-	-	1	-	1	7	2	-	1	2	-	2	25	-	-	1	2	-
17	-	-	-	1	-	-	4	-	-	-	2	-	-	8	-	1	-	2	-
(37)	-	-	-	-	-	-	9	4	-	-	-	1	-	23	-	-	1	1	-
18	1	-	1	2	-	3	71	5	2	7	20	1	9	91	-	2	10	8	1
(37)	-	1	2	3	-	-	27	5	2	-	4	1	1	46	-	1	-	-	2
19	4	2	3	5	-	7	162	7	2	3	16	1	16	164	5	6	11	13	2
(37)	-	-	-	1	-	-	4	-	-	-	1	-	2	30	1	-	-	1	1
(37)	-	-	1	2	-	1	74	1	1	-	-	-	1	39	-	-	9	1	-
20, 21	-	-	1	1	-	3	14	1	-	-	4	1	2	17	-	-	1	2	-
(23)	-	1	1	3	-	3	55	2	2	1	3	-	-	71	1	-	1	5	-
22	1	1	3	2	-	4	97	7	1	2	15	1	3	139	1	1	8	11	1
(23)	-	-	-	-	-	-	7	-	-	-	2	-	-	14	-	-	-	1	-
24	-	-	1	-	-	-	7	-	-	1	3	1	1	23	-	-	1	-	-
25	1	-	-	-	-	4	28	3	-	1	9	1	1	84	-	-	1	4	1
26	-	-	-	-	-	-	7	-	-	-	-	-	-	27	-	-	2	-	-
27	-	-	-	-	-	2	3	-	-	-	1	-	-	13	-	-	1	1	1
28	-	-	1	-	-	-	5	-	-	-	1	-	1	17	1	-	-	-	-
29	3	1	-	4	1	8	66	3	1	-	8	1	1	157	2	1	7	3	-
30	-	-	-	-	-	-	3	-	-	-	-	-	-	14	-	-	-	-	-
31	-	-	-	-	-	-	3	-	-	-	-	-	-	7	-	-	-	-	-
32	1	-	-	-	-	-	8	-	-	-	1	-	1	20	-	-	1	2	-
33	3	-	-	3	-	2	52	1	-	-	15	-	3	130	-	-	4	4	-
34	-	-	1	1	-	1	1	-	-	-	-	-	3	5	-	-	1	1	-
(35)	2	-	3	4	-	1	41	2	-	1	10	1	2	94	1	1	1	4	2
(35)	-	-	1	-	-	-	8	-	-	-	1	-	-	10	-	-	-	1	-
(35)	1	-	1	2	-	1	-	-	-	-	2	1	1	3	-	-	-	1	1
(35)	-	-	-	1	-	-	12	-	-	-	2	-	-	20	-	1	1	1	1
(35)	1	-	1	-	-	-	4	-	-	1	-	-	-	11	-	-	-	1	-
(35)	-	-	-	-	-	-	7	1	-	-	1	-	-	22	1	-	-	-	-
36	1	1	-	-	-	-	5	1	-	-	1	-	-	15	-	-	1	-	-
(35)	-	-	-	-	-	-	2	-	-	-	-	-	-	7	-	-	-	-	-
(37)	3	1	2	3	1	2	63	1	2	2	10	-	9	173	1	2	12	4	-
38	-	-	1	-	-	1	-	-	-	1	1	-	-	2	-	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		Sturbridge.	Sudbury.	Sunderland.	Sutton.	Swampscott.	Swansea.	Taunton.	Templeton.	Tewksbury.	State Hospital.
	All Causes.²	38	19	13	31	75	35	790	44	33	723
1	Typhoid fever (1),	—	—	—	—	1	—	1	2	—	—
3	Malaria (4),	—	—	—	—	—	—	1	—	—	—
4	Smallpox (5),	—	—	—	—	—	—	—	—	—	—
5	Measles (6),	—	—	—	—	—	—	2	—	—	—
6	Scarlet fever (7),	—	—	—	—	—	—	2	1	—	—
7	Whooping cough (8),	—	—	—	—	—	1	6	—	—	—
8	Diphtheria and croup (9),	2	—	—	—	—	—	8	—	—	2
9	Influenza (10),	—	1	—	1	1	1	11	2	—	—
(12)	Erysipelas (18),	—	—	—	—	—	—	2	—	—	—
(12)	Other epidemic diseases (2, 3, 11-17, 19),	—	—	—	1	—	—	4	—	—	—
13	Tuberculosis of the lungs (28, 29),	2	—	1	1	4	1	74	2	1	297
14	Tuberculous meningitis (30),	—	—	—	—	—	—	9	—	—	—
15	Other forms of tuberculosis (31-35),	—	—	—	—	—	—	5	—	—	14
16	Cancer (39-45),	2	3	—	3	5	4	35	6	2	37
(37)	Rheumatism (47, 48),	—	—	—	—	—	—	3	—	—	—
(37)	Diabetes (50),	—	—	—	—	1	—	16	1	1	2
17	Meningitis (61),	—	—	—	—	—	—	4	1	1	1
(37)	Poliomyelitis (63a),	—	—	—	—	—	1	—	—	—	—
18	Cerebral hemorrhage and softening (64, 65),	1	2	2	3	9	3	49	5	2	17
(37)	Acute endocarditis (78),	—	—	1	—	—	—	11	1	2	11
19	Organic diseases of the heart (79),	5	5	1	2	13	6	88	2	2	43
(37)	Angina pectoris (80),	1	—	—	—	4	2	3	—	2	—
(37)	Diseases of the arteries (81),	1	1	—	—	7	—	30	—	1	110
20, 21	Bronchitis (89, 90),	1	—	—	—	—	1	13	—	1	1
(23)	Broncho-pneumonia (91),	—	—	1	1	6	—	52	—	2	7
22	Pneumonia (92),	3	—	2	4	2	3	59	1	2	36
(23)	Other respiratory diseases (86-88, 93-98),	1	—	—	—	—	—	5	—	—	2
24	Diseases of the stomach (102, 103),	—	—	—	—	4	—	4	3	—	—
25	Diarrhea and enteritis (under 2 years) (104),	2	1	1	2	1	2	52	1	—	14
26	Appendicitis (108),	—	—	—	—	—	—	2	1	—	1
27	Hernia, intestinal obstruction (109),	—	—	—	—	—	1	5	—	—	—
28	Cirrhosis of the liver (113),	—	—	—	—	1	—	2	1	—	5
29	Nephritis and Bright's disease (119, 120),	5	2	—	2	4	3	53	3	2	40
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	—	—	—	—	1	—	4	—	—	—
31	Puerperal fever (137),	—	—	—	—	—	—	1	—	—	—
32	Other puerperal affections (134-136, 138-141),	—	—	—	1	—	—	4	—	—	—
33	Congenital debility and malformations (150, 151),	2	1	—	3	4	1	38	3	2	11
34	Senility (154),	3	—	—	—	—	1	—	2	—	—
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	5	1	2	3	3	3	31	1	5	2
(35)	Burns (conflagration excepted) (167),	—	—	—	—	—	—	3	—	—	—
(35)	Accidental drowning (169),	2	—	1	2	—	—	3	—	—	—
(35)	Traumatism by fall (172),	—	1	—	1	—	—	6	1	—	1
(35)	Railroad accidents and injuries (175a),	—	—	—	—	1	—	6	—	3	—
(35)	Automobile accidents and injuries (175c),	—	—	1	—	1	2	4	—	—	—
36	Suicide (155-163),	—	—	—	1	—	—	2	—	—	1
(35)	Homicide (182-184),	—	—	—	—	—	—	1	—	2	1
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	2	2	2	3	4	1	98	4	3	68
38	Ill-defined or unknown causes (187-189),	—	—	—	—	—	—	—	—	—	—

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	Tisbury.	Tolland.	Topsfield.	Townsend.	Truro.	Tyngsborough.	Tythingham.	Upton.	Uxbridge.	Wakefield.	Wales.	Walpole.	Waltham.	Ware.	Wareham.	Warren.	Warwick.	Washington.	Watertown.
	33	5	14	17	16	9	7	26	62	148	3	48	354	115	79	52	5	4	190
1	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	1	-	-	-	1	3	-	2	-	-	3
6	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-	-	2	6	-	2	-	-	-	-
8	-	1	-	-	-	-	-	-	1	-	1	1	6	1	-	1	-	-	1
9	2	-	-	1	-	-	-	-	-	-	-	5	5	1	2	-	-	-	3
(12)	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	-	1
(12)	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
13	1	-	-	2	-	-	-	2	2	9	1	3	29	7	3	1	-	-	9
14	-	-	-	-	-	-	-	1	5	5	-	-	7	1	-	-	-	-	2
15	1	-	1	-	-	-	-	-	1	1	-	-	4	1	2	2	-	-	2
16	1	-	1	-	1	1	-	2	8	12	-	6	25	6	-	7	-	-	15
(37)	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
(37)	1	-	-	-	1	-	-	-	-	1	-	1	5	1	1	-	-	-	1
17	-	-	-	-	-	-	-	-	1	-	-	2	1	-	-	-	-	-	-
(37)	1	-	-	-	-	-	-	-	7	-	-	-	3	-	2	-	1	-	1
18	-	-	3	2	6	1	-	3	3	15	-	3	23	9	9	2	1	-	10
(37)	1	-	-	1	-	-	-	-	-	4	-	-	7	-	-	-	-	-	11
19	3	-	2	1	2	1	2	5	9	20	1	8	46	11	13	7	1	-	31
(37)	-	-	-	-	-	-	-	1	1	1	1	1	4	2	1	-	-	-	1
(37)	5	-	-	2	-	1	-	1	2	15	-	2	15	3	5	3	-	-	6
20, 21	1	-	-	-	-	-	-	1	-	5	-	1	3	3	4	1	-	-	5
(23)	-	-	2	-	-	-	-	3	2	3	-	6	16	8	3	2	-	1	6
22	1	-	2	-	-	-	1	2	6	11	-	1	35	12	3	1	-	1	20
(23)	-	-	-	1	-	-	-	-	-	-	-	-	1	2	-	-	-	1	-
24	1	-	-	1	-	-	-	-	-	2	-	-	2	-	3	1	-	-	2
25	-	-	-	-	-	-	-	-	2	2	-	-	4	7	4	6	-	1	4
26	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3
27	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	1
28	-	-	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	3
29	6	-	1	2	3	1	-	2	4	15	-	1	14	6	2	3	-	-	9
30	-	1	-	-	-	-	1	-	-	1	-	-	1	1	-	-	-	-	1
31	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
32	-	-	1	-	-	-	-	-	-	1	-	-	2	-	1	-	-	-	-
33	3	-	-	-	1	-	-	-	7	8	-	4	8	8	4	1	1	-	15
34	-	-	-	-	-	1	1	1	2	-	-	-	3	1	1	1	-	-	1
(35)	2	-	-	1	1	2	-	-	4	3	-	2	20	4	3	5	1	1	7
(35)	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	1	-	-	1
(35)	1	-	-	-	-	1	-	-	1	-	-	1	4	1	1	-	-	-	1
(35)	1	-	-	-	-	-	-	-	1	-	-	-	7	1	-	2	-	1	-
(35)	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
(35)	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	1
36	-	1	-	-	-	-	-	-	-	-	-	-	5	-	1	-	-	-	1
(35)	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(37)	2	-	-	2	1	1	2	1	5	6	-	3	39	15	10	6	-	-	15
38	1	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES									
		Wayland.	Webster.	Wellesley.	Wellesfleet.	Wendell.	Wenham.	West Boylston.	West Bridgewater.	West Brookfield.	West Newbury.
	All Causes.²	15	149	53	17	6	13	19	39	24	24
1	Typhoid fever (1),	—	—	—	—	1	—	—	—	—	—
3	Malaria (4),	—	—	—	—	—	—	—	—	—	—
4	Smallpox (5),	—	—	—	—	—	—	—	—	—	—
5	Measles (6),	—	3	—	—	—	—	—	1	—	—
6	Scarlet fever (7),	—	—	—	—	—	—	—	—	—	—
7	Whooping cough (8),	—	1	1	—	—	—	—	1	—	—
8	Diphtheria and croup (9),	—	—	—	—	—	—	—	—	—	—
9	Influenza (10),	—	2	—	1	1	1	1	—	—	—
(12)	Erysipelas (18),	—	—	2	—	—	—	—	—	—	—
(12)	Other epidemic diseases (2, 3, 11-17, 19),	—	—	—	—	—	—	—	—	—	—
13	Tuberculosis of the lungs (28, 29),	—	11	1	1	—	1	1	5	3	2
14	Tuberculous meningitis (30),	—	3	—	—	—	—	—	—	—	—
15	Other forms of tuberculosis (31-35),	—	2	—	—	—	—	—	—	—	—
16	Cancer (39-45),	1	10	8	1	—	—	2	5	1	3
(37)	Rheumatism (47, 48),	—	—	—	—	—	—	—	1	—	—
(37)	Diabetes (50),	2	1	—	—	—	—	2	—	2	—
17	Meningitis (61),	—	—	2	—	—	—	—	—	—	—
(37)	Poliomylitis (63a),	—	—	—	—	—	—	—	—	—	1
18	Cerebral hemorrhage and softening (64, 65),	2	9	3	3	—	1	2	1	4	1
(37)	Acute endocarditis (78),	1	1	1	—	—	2	1	—	—	1
19	Organic diseases of the heart (79),	1	16	6	—	1	3	5	2	4	3
(37)	Angina pectoris (80),	—	3	—	3	—	—	—	1	—	—
(37)	Diseases of the arteries (81),	1	1	3	2	2	1	—	5	3	4
20, 21	Bronchitis (89, 90),	—	1	—	—	—	—	—	2	—	1
(23)	Broncho-pneumonia (91),	—	3	1	—	—	—	1	—	—	1
22	Pneumonia (92),	2	16	4	1	—	—	—	—	1	—
(23)	Other respiratory diseases (86-88, 93-98),	—	1	1	—	—	—	—	—	—	—
24	Diseases of the stomach (102, 103),	1	2	—	1	—	1	—	—	1	—
25	Diarrhea and enteritis (under 2 years) (104),	—	10	—	—	1	—	—	—	—	—
26	Appendicitis (108),	—	—	2	—	—	—	—	—	—	1
27	Hernia, intestinal obstruction (109),	—	1	—	—	—	1	—	1	—	—
28	Cirrhosis of the liver (113),	—	—	—	—	—	—	—	—	—	—
29	Nephritis and Bright's disease (119, 120),	1	5	3	3	—	1	—	4	1	1
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	—	—	—	—	—	—	—	—	—	—
31	Puerperal fever (137),	—	—	—	—	—	—	—	—	—	—
32	Other puerperal affections (134-136, 138-141),	—	3	—	—	—	—	—	—	—	—
33	Congenital debility and malformations (150, 151),	—	10	—	—	—	—	1	1	1	—
34	Senility (154),	1	—	1	—	—	—	—	—	1	—
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	—	14	6	—	1	—	1	1	—	1
(35)	Burns (conflagration excepted) (167),	—	—	—	—	—	—	—	—	—	—
(35)	Accidental drowning (169),	—	2	1	—	—	—	—	1	—	—
(35)	Traumatism by fall (172),	—	2	—	—	—	—	—	—	—	—
(35)	Railroad accidents and injuries (175a),	—	6	3	—	1	—	—	—	—	—
(35)	Automobile accidents and injuries (175c),	—	—	—	—	—	—	—	—	—	—
36	Suicide (155-163),	—	1	2	—	—	—	—	—	—	2
(35)	Homicide (182-184),	—	—	—	—	—	—	—	—	—	—
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	2	18	6	1	—	—	2	8	2	2
38	Ill-defined or unknown causes (187-189),	—	1	—	—	—	—	—	—	—	—

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

IN EACH MUNICIPALITY: 1916 — Con.

Abridged Int. List No.	West Springfield.	West Stockbridge.	West Tisbury.	West Borough.	Westfield.	Westford.	Westhampton.	Westminster.	Weston.	Westport.	Westwood.	Weymouth.	Whately.	Whitman.	Wilbraham.	Williamsburg.	Williamstown.	Wilmington.	Winchendon.
	127	16	4	217	292	42	2	16	24	48	17	191	18	85	38	31	51	28	92
1	-	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	1
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	4	-	-	-	1	-	-	-	-	-	-	-	-	-	1	3	-	-	-
6	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
7	1	-	-	-	2	2	1	1	-	1	-	1	-	-	2	-	1	-	-
8	6	-	-	-	5	-	-	-	-	-	-	1	1	-	-	-	1	-	-
9	-	-	-	-	3	-	-	-	1	-	-	1	1	-	-	1	-	-	-
(12)	-	-	-	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
(12)	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	4	-	-	6	58	3	-	2	-	3	-	9	-	6	2	1	5	3	5
14	3	-	-	1	1	1	-	-	-	1	-	1	-	-	1	-	-	-	1
15	3	1	1	1	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
16	6	3	-	13	12	4	1	1	1	4	2	17	-	11	2	1	5	3	10
(37)	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-
(37)	2	-	-	2	6	2	-	1	-	3	-	3	-	2	-	-	2	-	4
17	1	-	-	-	2	-	-	-	-	-	-	1	-	-	1	-	-	-	-
(37)	2	-	-	-	1	1	-	1	-	-	-	1	1	-	1	-	-	-	-
18	5	4	-	28	19	3	-	-	1	5	2	30	2	6	1	2	5	1	7
(37)	5	-	-	2	8	-	-	1	-	1	-	6	-	5	-	-	1	1	-
19	12	3	1	30	20	5	-	6	4	6	4	34	-	8	4	5	9	3	9
(37)	1	1	1	2	1	-	-	-	-	-	1	4	-	3	-	-	-	-	1
(37)	3	-	1	18	6	6	-	-	4	3	3	11	-	4	-	-	2	1	4
20, 21	2	-	-	2	3	1	-	-	-	-	-	-	-	3	1	-	-	-	1
(23)	2	2	-	9	3	-	-	-	1	-	1	10	2	-	7	3	1	2	7
22	9	-	-	16	19	2	-	1	1	1	1	13	2	5	1	-	1	1	4
(23)	-	-	-	2	-	1	-	-	-	-	1	-	-	2	-	-	2	-	-
24	1	-	-	1	5	-	-	-	-	1	-	-	1	-	1	-	1	1	-
25	10	-	-	1	17	-	-	-	-	3	1	4	-	-	5	3	2	1	4
26	-	-	-	1	3	-	-	-	-	-	-	1	1	-	-	-	-	-	1
27	-	-	-	-	4	-	-	-	-	-	-	-	-	2	-	-	-	-	-
28	4	-	-	1	1	1	-	-	-	-	-	1	-	1	-	-	-	-	-
29	9	-	-	15	23	1	-	1	6	3	-	5	1	4	1	8	4	3	4
30	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2
31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
32	-	-	-	1	1	-	-	-	-	-	-	1	-	1	-	-	1	-	-
33	8	-	-	2	17	2	-	1	-	1	-	10	3	6	2	2	-	2	7
34	-	-	-	-	3	1	-	-	-	2	-	-	-	3	-	1	-	1	2
(35)	8	1	-	3	21	2	-	-	2	4	1	6	1	2	2	-	3	1	9
(35)	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1
(35)	2	-	-	1	5	1	-	-	-	1	-	-	-	-	-	-	1	-	1
(35)	1	-	-	-	6	-	-	-	1	1	1	2	-	2	-	-	-	-	1
(35)	1	-	-	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-
(35)	1	-	-	-	-	-	-	-	-	-	-	2	1	-	1	-	-	-	-
36	2	1	-	2	4	-	-	-	-	-	-	1	-	2	1	-	1	1	-
(35)	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
(37)	11	-	-	55	16	2	-	-	2	4	-	17	1	1	7	3	-	3	8
38	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-

2 Exclusive of stillbirths.

Abridged Int. List No.	Table 62 CAUSE OF DEATH. ¹	DEATHS FROM IMPORTANT CAUSES IN EACH MUNICIPALITY: 1916 — Con.							
		Winchester.	Windsor.	Winthrop.	Woburn.	Worcester.	Worthington.	Wrentham.	Yarmouth.
	All Causes.²	113	3	130	215	2,896	6	51	21
1	Typhoid fever (1),	—	—	—	—	6	—	—	—
3	Malaria (4),	—	—	—	—	—	—	—	—
4	Smallpox (5),	—	—	—	—	—	—	—	—
5	Measles (6),	—	—	1	3	52	—	6	—
6	Scarlet fever (7),	—	—	—	—	3	—	—	—
7	Whooping cough (8),	1	—	2	3	9	—	—	1
8	Diphtheria and croup (9),	—	—	—	6	24	—	—	—
9	Influenza (10),	1	—	2	4	22	2	1	—
(12)	Erysipelas (18),	—	—	—	2	25	—	—	—
(12)	Other epidemic diseases (2, 3, 11-17, 19),	—	—	—	—	6	—	—	—
13	Tuberculosis of the lungs (28, 29),	3	—	5	13	218	2	7	—
14	Tuberculous meningitis (30),	—	—	—	1	33	—	1	—
15	Other forms of tuberculosis (31-35),	1	—	—	1	29	—	1	—
16	Cancer (39-45),	14	—	17	13	201	—	4	2
(37)	Rheumatism (47, 48),	1	—	—	—	7	—	—	—
(37)	Diabetes (50),	7	—	2	3	41	—	2	1
17	Meningitis (61),	2	—	—	1	15	—	1	—
(37)	Polomyelitis (63a),	—	—	1	—	5	—	—	—
18	Cerebral hemorrhage and softening (64, 65),	7	—	12	15	133	—	5	3
(37)	Acute endocarditis (78),	5	—	10	3	81	—	—	—
19	Organic diseases of the heart (79),	9	1	15	16	214	—	5	3
(37)	Angina pectoris (80),	6	—	—	7	17	—	—	—
(37)	Diseases of the arteries (81),	2	—	7	12	91	1	—	3
20, 21	Bronchitis (89, 90),	1	—	3	4	44	—	1	—
(23)	Broncho-pneumonia (91),	4	—	1	6	139	—	—	—
22	Pneumonia (92),	16	1	10	14	249	—	4	1
(23)	Other respiratory diseases (86-88, 93-98),	—	—	—	3	16	—	3	1
24	Diseases of the stomach (102, 103),	—	—	—	—	28	—	—	—
25	Diarrhea and enteritis (under 2 years) (104),	1	—	—	5	118	—	—	—
26	Appendicitis (108),	—	—	—	1	23	—	—	—
27	Hernia, intestinal obstruction (109),	—	—	—	1	24	—	—	1
28	Cirrhosis of the liver (113),	—	—	2	—	13	—	—	—
29	Nephritis and Bright's disease (119, 120),	8	—	14	16	306	—	2	—
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	—	—	—	—	12	—	—	—
31	Puerperal fever (137),	—	—	—	1	15	—	—	—
32	Other puerperal affections (134-136, 138-141),	1	—	—	1	19	—	—	—
33	Congenital debility and malformations (150, 151),	10	—	7	13	185	1	3	—
34	Senility (154),	—	—	2	—	5	—	—	2
(35)	Violent deaths (excluding suicide and homicide) (164-181, 185, 186),	4	1	2	21	169	—	—	3
(35)	Burns (conflagration excepted) (167),	—	—	—	2	20	—	—	—
(35)	Accidental drowning (169),	1	—	—	1	6	—	—	2
(35)	Traumatism by fall (172),	1	—	1	4	44	—	—	—
(35)	Railroad accidents and injuries (175a),	—	—	—	3	16	—	—	1
(35)	Automobile accidents and injuries (175c),	2	—	—	1	20	—	—	—
36	Suicide (155-163),	1	—	3	2	21	—	—	—
(35)	Homicide (182-184),	—	—	—	—	5	—	—	—
(37)	All other defined causes (20-27, 36-38, 46, 49, 51-60, 62, 63b, 66-77, 82-85, 99-101, 105-107, 110-112, 114-118, 121-127, 133, 142-149, 152, 153),	8	—	12	24	273	—	5	—
38	Ill-defined or unknown causes (187-189),	—	—	—	—	—	—	—	—

¹ The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

² Exclusive of stillbirths.

Table 63

DEATHS FROM IMPORTANT CAUSES: 1861 TO 1916.

YEARS.	All causes.	Ty-phoid fever.*	Small-pox.*	Meas-sles.*	Scarlet fever.*	Diph-theria and croup.*	Tuber-culosis of the lungs.*	Cancer.	Alco-holism.	Ne-phritis, Bright's disease, etc.
		1	5	6	7	9	28	39-45	56	119, 120, 122
1861, . . .	24,085	989	33	209	1,137	1,104	4,522	336	122	531
1862, . . .	22,974	1,135	40	369	1,261	1,147	4,269	319	124	563
1863, . . .	27,751	1,442	42	142	1,399	2,284	4,667	324	162	644
1864, . . .	28,753	1,344	242	320	1,503	1,999	4,733	330	142	632
1865, . . .	26,152	1,694	221	136	807	1,176	4,661	375	62	665
1866, . . .	23,637	1,091	141	109	385	830	4,600	416	43	597
1867, . . .	22,773	965	196	194	828	607	4,362	395	35	582
1868, . . .	25,603	896	20	287	1,369	782	4,437	445	74	676
1869, . . .	26,054	1,205	59	222	1,405	769	4,659	492	81	697
1870, . . .	27,329	1,333	131	269	683	676	5,003	516	75	777
1871, . . .	27,943	1,116	294	131	867	747	5,070	551	88	897
1872, . . .	35,019	1,703	1,029	428	1,377	753	5,556	542	134	994
1873, . . .	33,912	1,406	668	180	1,472	745	5,556	611	109	1,005
1874, . . .	31,887	1,147	26	161	1,382	913	5,284	585	107	932
1875, . . .	34,978	1,059	34	233	1,684	1,880	5,738	593	87	983
1876, . . .	33,186	881	31	47	1,222	3,294	5,327	657	86	933
1877, . . .	31,342	814	24	135	467	3,178	5,457	646	52	947
1878, . . .	31,303	679	2	305	404	2,517	5,334	807	65	985
1879, . . .	31,801	637	7	19	850	2,293	5,223	862	68	1,073
1880, . . .	35,292	882	38	236	574	2,394	5,494	928	112	969
1881, . . .	36,458	1,072	47	230	397	2,383	5,886	949	123	1,117
1882, . . .	36,785	1,079	45	68	318	1,771	5,865	987	126	1,190
1883, . . .	37,748	860	5	321	575	1,621	5,931	1,026	113	1,255
1884, . . .	36,990	875	3	75	627	1,646	5,798	1,060	125	1,234
1885, . . .	38,094	768	19	313	587	1,523	5,955	1,087	122	1,332
1886, . . .	37,224	800	—	130	331	1,558	5,897	1,104	108	1,354
1887, . . .	40,763	922	3	455	594	1,628	5,871	1,174	111	1,332
1888, . . .	42,097	943	8	219	504	1,831	5,728	1,275	126	1,522
1889, . . .	41,777	891	6	171	185	2,214	5,581	1,325	122	1,419
1890, . . .	43,528	835	1	114	196	1,626	5,791	1,387	151	1,448
1891, . . .	45,185	821	3	236	246	1,218	5,484	1,395	182	1,640
1892, . . .	48,762	827	2	88	669	1,455	5,729	1,402	193	1,665
1893, . . .	49,084	750	9	276	810	1,394	5,527	1,533	205	1,798
1894, . . .	46,791	748	33	98	649	1,801	5,463	1,568	150	1,844
1895, . . .	47,540	680	—	117	483	1,784	5,586	1,749	178	1,948
1896, . . .	49,381	723	—	137	249	1,677	5,536	1,798	195	2,067
1897, . . .	47,419	607	4	158	342	1,426	5,431	1,739	139	2,031
1898, . . .	46,761	663	—	82	141	706	5,288	1,907	161	2,205
1899, . . .	47,710	612	14	241	235	1,047	5,221	1,838	170	2,220
1900, . . .	51,156	632	3	330	330	1,475	5,199	1,998	226	2,259
1901, . . .	48,275	561	97	173	385	1,166	5,033	2,080	179	2,356
1902, . . .	47,491	538	284	333	313	873	4,685	2,141	171	2,341
1903, . . .	49,054	527	22	247	510	869	4,531	2,243	195	2,656
1904, . . .	48,482	463	9	160	138	699	4,874	2,421	162	2,610
1905, . . .	50,486	520	2	177	117	652	4,702	2,501	184	2,589
1906, . . .	50,624	477	—	208	135	743	4,608	2,603	161	2,593
1907, . . .	54,234	389	6	163	285	752	4,771	2,744	218	2,833
1908, . . .	51,788	517	3	331	369	747	4,445	2,814	114	2,631
1909, . . .	51,236	390	1	157	259	594	4,393	2,871	174	2,905
1910, . . .	54,407	411	—	240	254	679	4,503	3,028	224	3,061
1911, . . .	53,062	302	2	158	184	563	4,418	3,199	210	3,567
1912, . . .	52,400	269	1	286	118	473	4,212	3,282	197	2,980
1913, . . .	53,402	280	—	315	293	628	4,180	3,526	336	3,356
1914, . . .	52,978	268	—	149	246	652	4,171	3,586	299	3,420
1915, . . .	53,131	246	9	149	182	720	4,194	3,708	186	3,530
1916, . . .	56,366	172	—	392	127	629	4,467	3,990	212	3,593

Abridged Int. List No.	Table 64 CAUSE OF DEATH. ¹	NUMBER OF DEATHS. ²					
		1916.	1915.	1914.	1913.	1912.	1911.
	All Causes.²	56,366	53,131	52,978	53,402	52,400	53,062
I.	General diseases,	14,111	12,859	12,591	12,902	11,923	12,893
II.	Diseases of the nervous system and of the organs of special sense,	5,774	5,207	4,520	5,613	5,744	5,864
III.	Diseases of the circulatory system,	11,134	9,972	10,799	9,475	9,348	7,791
IV.	Diseases of the respiratory system,	7,859	7,824	7,255	7,350	7,544	7,686
V.	Diseases of the digestive system,	5,071	5,124	5,536	5,738	5,853	6,174
VI.	Nonvenereal diseases of the genito-urinary system and annexa,	4,038	3,981	3,922	3,802	3,418	4,064
VII.	The puerperal state,*	525	462	538	467	435	506
VIII.	Diseases of the skin and of the cellular tissue,	181	160	126	168	225	192
IX.	Diseases of the bones and of the organs of locomotion,	129	104	118	125	143	119
X.	Malformations,*	691	688	591	592	626	444
XI.	Early infancy,	2,895	3,100	3,359	3,369	3,416	3,231
XII.	Old age,	249	323	415	460	535	576
XIII.	External causes,	3,402	3,206	3,070	3,222	3,097	3,418
XIV.	Ill-defined diseases,	217	121	138	119	93	104
1	Typhoid fever (1),*	172	246	268	280	269	302
2	Typhus fever (2),*	—	—	1	1	—	—
3	Malaria (4),	4	6	8	11	3	12
4	Smallpox (5),*	—	9	—	—	1	2
5	Measles (6),*	392	149	149	315	286	158
6	Scarlet fever (7),*	127	182	246	293	118	184
7	Whooping cough (8),*	346	283	225	239	225	292
8	Diphtheria and croup (9),*	629	720	652	628	473	563
9	Influenza (10),	539	232	129	204	170	163
10	Asiatic cholera (12),*	—	—	—	—	—	1
11	Cholera nostras (13),	1	—	1	—	1	—
12	Other epidemic diseases (3, 11, 14-19),	338	272	318	303	281	360
13	Tuberculosis of the lungs (28, 29),	4,575	4,283	4,261	4,253	4,309	4,418
14	Tuberculous meningitis (30),	453	425	429	481	464	448
15	Other forms of tuberculosis (31-35),	394	339	371	315	294	789
16	Cancer and other malignant tumors (39-45),	3,990	3,708	3,586	3,526	3,282	3,199
17	Simple meningitis (61),	370	291	404	512	577	671
18	Cerebral hemorrhage and softening (64, 65),	3,510	3,483	2,656	3,498	3,552	3,379
19	Organic diseases of the heart (79),*	7,152	4,625	5,428	5,402	4,610	3,854
20	Acute bronchitis (89),	419	313	296	310	276	713
21	Chronic bronchitis (90),*	396	523	515	518	664	328
22	Pneumonia (92),	4,013	3,736	3,393	3,315	3,874	4,059
23	Other diseases of the respiratory system (tuberculosis excepted) (86-88, 91, 93-98),	3,031	3,252	3,051	3,207	2,730	2,586
24	Diseases of the stomach (cancer excepted) (102, 103),	475	572	657	620	684	777
25	Diarrhea and enteritis (under 2 years) (104),*	2,391	2,536	2,843	2,958	3,180	3,275
26	Appendicitis and typhlitis (108),	364	322	349	381	321	302
27	Hernia, intestinal obstruction (109),	389	430	473	443	395	427
28	Cirrhosis of the liver (113),*	360	302	244	335	283	250
29	Acute nephritis and Bright's disease (119, 120),	3,490	3,486	3,377	3,330	2,922	3,560
30	Noncancerous tumors and other diseases of the female genital organs (128-132),	214	164	155	163	178	184
31	Puerperal septicemia (puerperal fever, peri- tonitis) (137),*	159	106	104	101	97	143
32	Other puerperal accidents of pregnancy and labor (134-136, 138-141),*	366	356	434	366	338	363
33	Congenital debility and malformations (150, 151),*	3,151	3,546	3,800	3,778	4,010	3,667
34	Senility (154),	249	323	415	460	535	576
35	Violent deaths (suicide excepted) (164-186),	2,947	2,691	2,575	2,736	2,619	2,969
36	Suicide (155-163),*	455	515	495	486	478	449
37	Other diseases (20-27, 36-38, 46-60, 62, 63, 66-78, 80-85, 99-101, 105-107, 110-112, 114- 118, 121-127, 133, 142-149, 152, 153),	10,388	10,463	10,532	9,515	9,808	9,535
38	Unknown or ill-defined diseases (187-189),	217	121	138	119	93	104

¹ Abridged International List of Causes of Death. The title or titles of the Detailed International List that are included under each heading are shown by numbers in parentheses. ² Exclusive of stillbirths.

Abridged Int. List No.	DEATH RATES ² PER 100,000 POPULATION.						PER CENT. DISTRIBUTION. ³					
	1916.	1915.	1914.	1913.	1912.	1911.	1916.	1915.	1914.	1913.	1912.	1911.
	1,492.9	1,438.6	1,453.9	1,492.5	1,492.0	1,539.8	100.0	100.0	100.0	100.0	100.0	100.0
I.	373.7	348.2	345.5	360.6	339.5	374.1	25.0	24.2	23.8	24.2	22.8	24.3
II.	152.9	141.0	124.0	156.9	163.6	170.2	10.3	9.8	8.5	10.5	11.0	11.1
III.	294.9	270.0	296.4	264.8	266.2	226.1	19.8	18.8	20.4	17.7	17.8	14.7
IV.	208.1	211.8	199.1	205.4	214.8	223.1	13.9	14.7	13.7	13.8	14.4	14.5
V.	134.3	138.7	151.9	160.4	166.7	179.2	9.0	9.6	10.4	10.7	11.2	11.6
VI.	106.9	107.8	107.6	106.3	97.3	117.9	7.2	7.5	7.4	7.1	6.5	7.7
VII.	13.9	12.5	14.8	13.1	12.4	14.7	.9	.9	1.0	.9	.8	1.0
VIII.	4.8	4.3	3.5	4.7	6.4	5.6	.3	.3	.2	.3	.4	.4
IX.	3.4	2.8	3.2	3.5	4.1	3.5	.2	.2	.2	.2	.3	.2
X.	18.3	18.6	16.3	16.5	17.8	12.9	1.2	1.3	1.1	1.1	1.2	.8
XI.	76.7	83.9	92.2	94.2	97.3	93.8	5.1	5.8	6.3	6.3	6.5	6.1
XII.	6.6	8.7	11.4	12.9	15.2	16.7	.4	.6	.8	.9	1.0	1.2
XIII.	90.1	86.8	84.3	90.1	88.2	99.2	6.0	6.0	5.8	6.0	5.9	6.4
XIV.	5.7	3.3	3.8	3.3	2.6	3.0	.4	.2	.3	.2	.2	.2
1	4.6	6.7	7.4	7.8	7.7	8.8	.3	.5	.5	.5	.5	.6
2	—	—	—	—	—	—	—	—	—	—	—	—
3	.1	.2	.2	.3	.1	.3	.5	.5	.5	.5	.5	.5
4	—	.2	—	—	.4	.1	—	.5	—	—	.5	.5
5	10.4	4.0	4.1	8.8	8.1	4.6	.7	.3	.3	.6	.5	.3
6	3.4	4.9	6.8	8.2	3.4	5.3	.2	.3	.5	.5	.2	.3
7	9.2	7.7	6.2	6.7	6.4	8.5	.6	.5	.4	.4	.4	.6
8	16.7	19.5	17.9	17.6	13.5	16.4	1.1	1.4	1.2	1.2	.9	1.1
9	14.3	6.3	3.5	5.7	4.8	4.7	1.0	.4	.2	.4	.3	.3
10	—	—	—	—	—	.4	—	—	—	—	—	.5
11	—	—	.4	—	.4	—	.5	—	.5	—	.5	—
12	9.0	7.4	8.7	8.5	8.0	10.5	.6	.5	.6	.6	.5	.7
13	121.2	116.0	116.9	118.9	122.7	128.2	8.1	8.1	8.0	8.0	8.2	8.3
14	12.0	11.5	11.8	13.4	13.2	13.0	.8	.8	.8	.9	.9	.8
15	10.4	9.2	10.2	8.8	8.4	23.0	.7	.6	.7	.6	.6	1.5
16	105.7	100.4	98.4	98.5	93.5	92.8	7.1	7.0	6.8	6.6	6.3	6.0
17	9.8	7.9	11.1	14.3	16.4	19.5	.7	.5	.8	1.0	1.1	1.3
18	93.0	94.3	72.9	97.8	101.1	98.1	6.2	6.6	5.0	6.6	6.8	6.4
19	189.4	125.2	149.0	151.0	131.3	111.8	12.7	8.7	10.2	10.1	8.8	7.3
20	11.1	8.5	8.1	8.7	7.9	20.7	.7	.6	.6	.6	.5	1.3
21	10.5	14.2	14.1	14.5	18.9	9.5	.7	1.0	1.0	1.0	1.3	.6
22	106.3	101.2	93.1	92.7	110.3	117.8	7.1	6.8	6.4	6.2	7.4	7.6
23	80.3	88.0	83.7	89.6	77.7	75.0	5.4	6.1	5.8	6.0	5.2	4.9
24	12.6	15.5	18.0	17.3	19.5	22.5	.8	1.1	1.2	1.2	1.3	1.5
25	63.3	68.7	78.0	82.7	90.5	95.0	4.2	4.8	5.4	5.5	6.1	6.2
26	9.6	8.7	9.6	10.6	9.1	8.8	.6	.6	.7	.7	.6	.6
27	10.3	11.6	13.0	12.4	11.2	12.4	.7	.8	.9	.8	.8	.8
28	9.5	8.2	6.7	9.4	8.1	7.3	.6	.6	.5	.6	.5	.5
29	92.4	94.4	92.7	93.1	83.2	103.3	6.2	6.6	6.4	6.2	5.6	6.7
30	5.7	4.4	4.3	4.6	5.1	5.4	.4	.3	.3	.3	.3	.3
31	4.2	2.9	2.9	2.8	2.8	4.2	.3	.2	.2	.2	.2	.3
32	9.7	9.6	11.9	10.2	9.6	10.6	.6	.7	.8	.7	.6	.7
33	83.5	96.0	104.3	105.6	114.2	106.4	5.6	6.7	7.2	7.1	7.7	6.9
34	6.6	8.7	11.4	12.9	15.2	16.8	.4	.6	.8	.9	1.0	1.1
35	78.0	72.9	70.7	76.5	74.6	86.2	5.2	5.1	4.9	5.1	5.0	5.6
36	12.1	13.9	13.6	13.6	13.6	13.0	.8	1.0	.9	.9	.9	.8
37	275.1	283.3	289.0	265.9	279.3	276.7	18.4	19.7	19.9	17.8	18.7	18.0
38	5.7	3.3	3.8	3.3	2.6	3.0	.4	.2	.3	.2	.2	.2

³ Distributive percentages do not necessarily add to 100.⁴ Less than one-tenth of 1 per 100,000.⁵ Less than one-tenth of 1 per cent.

Table 65

DEATH RATES PER 100,000 POPULATION BASED ON ANNUAL AVERAGE
NUMBER OF DEATHS FOR THE FIVE-YEAR PERIOD OF WHICH THE CENSUS YEAR
IS THE MEDIAN YEAR:¹ CENSUS YEARS 1865 TO 1910;
AND DEATH RATES BASED ON ACTUAL NUMBER OF DEATHS: 1911 TO 1916.

YEARS.	All causes. ²	Ty- phoid fever.*	Small- pox.*	Meas- les.*	Scarlet fever.*	Diph- theria and croup.*	Tuber- culosis of the lungs.*	Cancer.	Ne- phritis, Bright's disease, etc.
	1	5	6	7	9	28	39-45	119, 120, 122	
1865,	2,037.3	103.2	13.3	14.2	77.7	108.8	363.4	29.0	49.2
1870,	1,948.1	85.8	21.1	18.3	78.2	51.1	339.3	34.9	55.4
1875,	2,001.4	64.2	9.5	9.1	75.4	121.2	331.3	30.0	58.1
1880,	1,925.2	41.2	1.4	6.2	24.0	99.2	311.8	50.9	59.8
1885,	1,965.0	43.5	.3	13.3	28.0	82.1	303.3	56.1	68.0
1890,	1,977.3	38.5	.2	7.4	16.1	74.5	252.9	60.6	68.7
1895,	1,921.6	28.1	.4	6.3	20.3	64.6	220.3	67.0	77.5
1900,	1,721.0	21.4	2.9	8.3	10.0	37.5	181.3	71.0	81.1
1905,	1,677.0	15.8	.3	6.3	7.9	24.6	155.7	83.0	88.1
1910,	1,566.2	11.2	— ³	6.9	7.0	18.1	130.0	89.9	89.6
1911,	1,539.8	8.8	— ³	4.6	5.3	16.4	128.2	92.8	103.3
1912,	1,492.0	7.7	— ³	8.1	3.4	13.5	122.7	93.5	83.2
1913,	1,492.5	7.8	—	8.8	8.2	17.6	118.9	98.5	93.1
1914,	1,453.9	7.4	—	4.1	6.8	17.9	116.9	98.4	92.7
1915,	1,438.6	6.7	.2	4.0	4.9	19.5	113.6	100.4	94.4
1916,	1,492.9	5.7	—	10.4	3.4	16.7	118.3	105.7	95.5

¹ This method eliminates any peculiarities in the census year and makes the rates more typical of the period as a whole.

² Exclusive of stillbirths.

³ Less than one-tenth of 1 per 100,000.

Table 66

DEATHS PRODUCED BY EXTERNAL CAUSES: 1902 TO 1916.

YEARS.	Total.	Burns and scalds.*	Other acute poison- ings.	Acci- dental in- juries.	Acci- dental drown- ing.*	Freez- ing.*	Effects of heat.*	Homi- cide, includ- ing infanti- cide. ¹ *	Sui- cide.*	Other external causes.
	155-186	167	165	170-176	169	178	179	182-184	155-163	164-186 ²
1902,	2,108	212	88	1,013	356	19	10	27	255	128
1903,	2,246	207	87	1,126	344	25	14	— ³	314	129
1904,	2,160	223	98	1,056	300	28	16	29	301	109
1905,	2,326	315	90	1,117	303	19	56	24	298	104
1906,	2,358	271	90	1,223	317	15	33	31	280	98
1907,	2,681	322	88	1,363	309	3	36	44	400	116
1908,	2,664	290	104	1,257	350	18	30	66	436	113
1909,	2,578	292	87	1,247	313	16	39	68	416	100
1910,	2,825	268	90	1,477	300	15	23	76	438	138
1911,	3,418	315	78	1,423	301	18	614	85	449	135
1912,	3,097	331	51	1,487	303	21	53	92	478	281
1913,	3,222	311	52	1,525	364	7	25	111	486	341
1914,	3,070	312	52	1,420	304	32	17	106	495	332
1915,	3,206	274	56	1,522	362	11	17	113	515	336
1916,	3,402	282	46	1,718	318	27	26	115	455	415

¹ Electrocutation not included.

² Balance between.

³ Not tabulated.

Detailed Int. List No.	Table 67 CAUSE OF DEATH AND AGE PERIOD.	DEATHS FROM CANCER BY SEX, AGE, AND MARITAL CONDITION: 1916.							
		MALES.				FEMALES.			
		Single.	Married.	Widowed and divorced.	Unknown.	Single.	Married.	Widowed and divorced.	Unknown.
39-45	Cancer (all causes).	201	950	319	4	381	1,145	988	2
	Under 20 years,	21	-	-	-	15	-	-	-
	20 to 29 years,	16	6	-	-	5	12	-	-
	30 to 39 years,	15	44	3	-	30	116	10	1
	40 to 49 years,	24	147	11	-	74	295	56	-
	50 to 59 years,	46	266	48	2	84	370	160	1
	60 to 69 years,	49	276	103	2	90	246	282	-
	70 to 79 years,	24	176	107	-	62	92	314	-
	80 years and over, . . .	6	35	46	-	21	14	165	-
	Unknown age,	-	-	1	-	-	-	1	-
39	Cancer of the buccal cavity,	11	62	22	-	3	9	10	-
	Under 20 years,	-	-	-	-	-	-	-	-
	20 to 29 years,	-	-	-	-	-	-	-	-
	30 to 39 years,	1	3	1	-	-	1	-	-
	40 to 49 years,	2	10	1	-	-	2	-	-
	50 to 59 years,	2	22	5	-	1	3	2	-
	60 to 69 years,	-	15	9	-	1	3	1	-
	70 to 79 years,	3	7	6	-	1	-	4	-
	80 years and over, . . .	3	5	-	-	-	-	3	-
	Unknown age,	-	-	-	-	-	-	-	-
40	Cancer of the stomach,	77	496	147	2	96	368	389	1
	Under 20 years,	2	-	-	-	1	-	-	-
	20 to 29 years,	6	5	-	-	1	2	-	-
	30 to 39 years,	6	23	1	-	4	20	-	-
	40 to 49 years,	10	84	7	-	19	74	20	-
	50 to 59 years,	22	138	20	2	29	128	54	-
	60 to 69 years,	23	151	61	-	20	102	110	-
	70 to 79 years,	7	82	37	-	19	35	140	-
	80 years and over, . . .	1	13	21	-	3	7	65	-
	Unknown age,	-	-	-	-	-	-	-	1
41	Cancer of the peritoneum,	23	126	33	3	54	137	136	-
	intestines, rectum, . . .	2	-	-	-	1	-	-	-
	Under 20 years,	-	-	-	-	2	3	-	-
	20 to 29 years,	-	-	-	-	-	-	-	-
	30 to 39 years,	3	6	-	-	2	8	3	-
	40 to 49 years,	4	19	1	-	7	27	3	-
	50 to 59 years,	4	40	4	-	7	54	20	-
	60 to 69 years,	7	38	10	2	14	29	37	-
	70 to 79 years,	2	22	15	-	15	13	48	-
	80 years and over, . . .	1	1	3	-	6	3	25	-
	Unknown age,	-	-	-	1	-	-	-	-
42	Cancer of the female genital	-	-	-	-	68	327	187	1
	organs,	-	-	-	-	3	-	-	-
	Under 20 years,	-	-	-	-	-	3	-	-
	20 to 29 years,	-	-	-	-	6	55	5	1
	30 to 39 years,	-	-	-	-	20	99	19	-
	40 to 49 years,	-	-	-	-	14	92	40	-
	50 to 59 years,	-	-	-	-	11	57	58	-
	60 to 69 years,	-	-	-	-	8	18	47	-
	70 to 79 years,	-	-	-	-	6	1	18	-
	80 years and over, . . .	-	-	-	-	-	-	-	-
	Unknown age,	-	-	-	-	-	-	-	-
43	Cancer of the breast, . .	-	-	-	-	89	187	146	1
	Under 20 years,	-	-	-	-	-	-	-	-
	20 to 29 years,	-	-	-	-	-	1	-	-
	30 to 39 years,	-	-	-	-	12	17	1	-
	40 to 49 years,	-	-	-	-	14	64	9	-
	50 to 59 years,	-	-	-	-	20	64	23	1
	60 to 69 years,	-	-	-	-	28	27	41	-
	70 to 79 years,	-	-	-	-	12	14	42	-
	80 years and over, . . .	-	-	-	-	3	-	30	-
	Unknown age,	-	-	-	-	-	-	-	-

Detailed Int. List No.	Table 67 CAUSE OF DEATH AND AGE PERIOD.	DEATHS FROM CANCER BY SEX, AGE, AND MARITAL CONDITION: 1916—Con.							
		MALES.				FEMALES.			
		Single.	Married.	Widowed and divorced.	Unknown.	Single.	Married.	Widowed and divorced.	Unknown.
44	Cancer of the skin, . . .	8	36	31	-	7	10	24	-
	Under 20 years, . . .	1	-	-	-	2	-	-	-
	20 to 29 years, . . .	-	-	-	-	-	1	-	-
	30 to 39 years, . . .	-	-	-	-	-	1	-	-
	40 to 49 years, . . .	1	4	-	-	-	2	1	-
	50 to 59 years, . . .	2	8	3	-	1	-	1	-
	60 to 69 years, . . .	2	14	4	-	1	3	3	-
	70 to 79 years, . . .	2	9	16	-	1	2	9	-
	80 years and over, . . .	-	1	8	-	2	1	10	-
	Unknown age, . . .	-	-	-	-	-	-	-	-
45	Cancer of other organs or of organs not specified, . .	82	230	85	-	64	107	95	-
	Under 20 years, . . .	16	-	-	-	8	-	-	-
	20 to 29 years, . . .	10	1	-	-	2	-	-	-
	30 to 39 years, . . .	5	12	1	-	6	14	1	-
	40 to 49 years, . . .	7	30	2	-	14	27	4	-
	50 to 59 years, . . .	16	58	16	-	12	29	20	-
	60 to 69 years, . . .	17	58	19	-	15	25	32	-
	70 to 79 years, . . .	10	56	33	-	6	10	24	-
	80 years and over, . . .	1	15	14	-	1	2	14	-
	Unknown age, . . .	-	-	-	-	-	-	-	-

D. MATERNAL MORTALITY.

Table 68

DEATHS AND DEATH RATES PER 100,000 POPULATION FROM DISEASES CAUSED BY PREGNANCY AND CONFINEMENT:* 1901 TO 1916.

YEARS.	DEATHS.			DEATH RATES —								
	Total. 134-141	Puerperal septicemia. 137	All other. 134-136, 138-141	PER 100,000 POPU- LATION.			PER 100,000 FEMALE POPULATION.			PER 100,000 MARRIED FEMALE POPULA- TION, 15 TO 44 YEARS OF AGE.		
				Total.	Puerperal septicemia.	All other.	Total.	Puerperal septicemia.	All other.	Total.	Puerperal septicemia.	All other.
1901, . . .	273	57	216	9.6	2.0	7.6	18.6	3.9	14.7	74.8	15.6	59.2
1902, . . .	277	61	216	9.6	2.1	7.5	18.5	4.1	14.4	74.3	16.4	57.9
1903, . . .	310	100	210	10.6	3.4	7.2	20.4	6.6	13.8	81.4	26.3	55.1
1904, . . .	339	87	252	11.4	2.9	8.5	21.7	5.6	16.1	87.3	22.4	64.9
1905, . . .	318	60	258	10.5	2.0	8.5	20.1	3.8	16.3	80.2	15.1	65.1
1906, . . .	340	87	253	11.0	2.8	8.2	21.2	5.4	15.8	84.1	21.5	62.6
1907, . . .	386	83	303	12.2	2.6	9.6	23.6	5.1	18.5	93.7	20.1	73.6
1908, . . .	357	37	320	11.0	1.1	9.9	21.5	2.2	19.3	85.1	8.8	76.3
1909, . . .	456	89	367	13.8	2.7	11.1	27.0	5.3	21.7	106.7	20.8	85.9
1910, . . .	402	104	298	11.9	3.1	8.8	23.4	6.1	17.3	92.3	23.9	68.4
1911, . . .	506	143	363	14.7	4.2	10.6	29.0	6.0	23.0	114.2	32.3	81.9
1912, . . .	435	97	338	12.4	2.8	9.6	24.5	5.5	19.0	96.5	21.5	75.0
1913, . . .	467	101	366	13.1	2.8	10.2	25.9	5.6	20.3	101.8	22.0	79.8
1914, . . .	538	104	434	14.8	2.9	11.9	29.4	5.7	23.7	115.3	22.3	93.0
1915, . . .	462	106	356	12.5	2.9	9.6	24.9	5.7	19.2	97.4	22.3	75.1
1916, . . .	525	159	366	13.9	4.2	9.7	-	-	-	-	-	-

Table 69

DEATH RATES PER 10,000 CONFINEMENTS AND PER 10,000 BIRTHS¹ FROM DISEASES CAUSED BY PREGNANCY AND CONFINEMENT (134-141):* 1901 TO 1916.

YEARS.	PER 10,000 CON- FINEMENTS. ¹			PER 10,000 BIRTHS. ²			PER 10,000 LIVE BIRTHS.			PER 10,000 CONFINEMENTS. ¹ 134-141	
	Total. 134-141	Puerperal septicemia. 137	All other. 134-136, 138-141	Total. 134-141	Puerperal septicemia. 137	All other. 134-136, 138-141	Total. 134-141	Puerperal septicemia. 137	All other. 134-136, 138-141	3-year averages.	5-year averages.
1901, . . .	37	8	29	37	8	29	38	8	30	38	40
1902, . . .	37	8	29	37	8	29	38	8	30		
1903, . . .	41	13	28	41	13	28	42	14	28	42	44
1904, . . .	44	11	33	44	11	33	45	12	33		
1905, . . .	41	8	33	41	8	33	42	8	34	45	51
1906, . . .	41	11	30	41	10	31	42	11	31		
1907, . . .	44	10	34	44	9	35	45	10	35	49	51
1908, . . .	40	4	36	40	4	36	41	4	37		
1909, . . .	52	10	42	52	10	42	54	11	43	51	-
1910, . . .	45	12	33	45	12	33	46	12	34		
1911, . . .	56	16	40	55	16	39	57	16	41	-	-
1912, . . .	47	11	36	47	10	37	48	11	37		
1913, . . .	50	11	39	49	11	38	51	11	40	-	-
1914, . . .	56	11	45	56	11	45	58	11	47		
1915, . . .	48	11	37	48	11	37	48	11	37	-	-
1916, . . .	55	17	39	54	16	38	56	17	39		

¹ Inclusive of stillbirths and making proper deductions for plural births. ² Inclusive of stillbirths.

E. DEATHS INVESTIGATED

Line No.	Table 70 CAUSE OF DEATH.	DEATHS (INCLUSIVE OF STILLBIRTHS) DUE TO VIOLENCE					
		THE STATE.		COUNTIES.			
		Number.	Per cent. distribution.	Barnstable.	Berkshire.	Bristol.	Dukes.
1	Total Cases investigated.	7,028	100.0	61	161	631	13
2	VIOLENCE.	3,085	44.0	25	84	264	6
3	<i>Homicide.</i>	150	2.1	1	1	10	—
4	Abortion,	37	.5	1	—	3	—
5	Infanticide,	14	.2	—	—	1	—
6	Weapons,	63	.9	—	1	4	—
7	Firearms,	46	.7	—	1	3	—
8	Stabbing,	17	.2	—	—	1	—
9	Other methods,	35	.5	—	—	2	—
10	Legal electrocution,	1	—	—	—	—	—
11	<i>Suicide.</i>	468	6.7	2	12	48	3
12	Firearms,	129	1.8	—	5	4	1
13	Cutting throat,	28	.4	—	—	4	—
14	Asphyxia,	117	1.6	1	5	11	2
15	Drowning,	49	.7	—	2	4	2
16	Hanging,	68	1.0	1	3	7	—
17	Poisons,	55	.8	1	—	4	—
18	Other methods,	139	.2	—	2	25	—
19	ACCIDENT OR NEGLIGENCE.	2,467	35.0	22	71	206	3
20	Firearms and other weapons,	21	.3	—	1	4	—
21	Machinery (elevators, etc.),	72	1.0	—	2	9	—
22	Public travel (railroad, vehicles, etc.),	800	11.4	10	27	62	1
23	Burns, scalds, and explosions,	292	4.2	1	13	26	—
24	Falls, blows, and falling bodies,	522	7.4	1	7	31	—
25	Asphyxia,	586	8.3	10	12	57	2
26	Drowning,	318	4.5	9	10	24	2
27	Other forms of asphyxia,	268	3.8	1	2	33	—
28	Poisons,	39	.6	—	—	8	—
29	Weather agencies,	36	.5	—	1	2	—
30	Other accidental causes,	99	1.4	—	8	7	—
31	CAUSES NOT DUE TO VIOLENCE.	3,736	53.0	34	77	315	6
32	Alcoholism,	302	4.3	1	10	23	—
33	Natural causes,	3,434	49.0	33	67	292	6
34	UNKNOWN OR ILL-DEFINED CAUSES.	207	3.0	2	—	52	1
Autopsies.							
35	Number,	791	—	3	2	26	1
36	Per cent. of cases investigated,	—	11.3	4.9	1.2	4.1	7.7

BY MEDICAL EXAMINERS.

AND OTHER CAUSES, INVESTIGATED BY MEDICAL EXAMINERS IN EACH COUNTY, BY CAUSES: 1916.

Line No.	COUNTIES — Con.									
	Essex.	Franklin.	Hampden.	Hampshire.	Middlesex.	Nantucket.	Norfolk.	Plymouth.	Suffolk.	Worcester.
1	688	86	476	100	1,235	3	305	205	2,280	784
2	334	47	241	42	458	2	120	102	999	361
3	26	1	14	3	17	—	3	6	47	21
4	7	—	2	—	4	—	—	—	18	2
5	3	—	3	1	2	—	—	1	3	—
6	12	1	7	1	5	—	1	3	14	14
7	9	1	7	1	3	—	1	2	9	9
8	3	—	—	—	2	—	—	1	5	5
9	4	—	2	1	6	—	2	2	11	5
10	—	—	—	—	—	—	—	—	1	—
11	56	4	36	9	70	1	13	26	136	52
12	19	1	15	4	19	—	5	12	32	12
13	4	—	2	—	5	—	—	2	7	4
14	16	2	4	4	21	1	3	6	21	20
15	5	1	2	1	12	1	—	4	7	8
16	11	1	2	3	9	—	3	2	14	12
17	3	1	8	1	8	—	1	2	19	7
18	14	—	7	—	17	—	4	4	57	9
19	252	42	191	30	371	1	104	70	816	288
20	3	—	1	1	2	—	4	1	2	2
21	6	2	8	1	7	—	1	3	26	7
22	82	21	66	7	117	—	34	22	258	93
23	27	3	26	2	52	—	10	10	78	44
24	36	4	39	4	83	—	15	13	236	53
25	76	10	45	10	79	1	29	17	175	63
26	43	10	28	9	46	1	23	14	66	33
27	33	—	17	1	33	—	6	3	109	30
28	3	1	—	1	7	—	2	1	13	3
29	10	—	—	1	8	—	1	2	3	8
30	9	1	6	3	16	—	8	1	25	15
31	325	30	235	56	719	1	183	86	1,249	420
32	31	2	10	5	22	—	5	10	160	23
33	294	28	225	51	697	1	178	76	1,089	397
34	29	9	—	2	58	—	2	17	32	3
35	35	2	23	4	133	—	23	15	483	41
36	5.1	2.3	4.8	4.0	10.8	—	7.5	7.3	21.2	5.2

Detailed Int. List No.	Table 71 CAUSE OF DEATH.	Sex.	All deaths in- vestigated.	DEATHS DUE TO VIOLENCE AND OTHER AND MONTHS, AND BY											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	All Causes.	T M F	7,028 4,727 2,301	655 427 228	581 360 221	544 373 171	534 345 189	588 392 196	522 375 147	568 389 179	554 382 172	585 408 177	577 393 184	639 430 209	681 453 228
	All Causes (exclusive of Stillbirths).	T M F	6,924 4,664 2,260	642 418 224	572 354 218	536 365 171	524 337 187	575 387 188	515 371 144	561 388 173	547 377 170	573 401 172	569 390 179	634 427 207	676 449 227
	VIOLENCE.	T M F	3,085 2,347 738	259 176 83	181 135 46	195 145 50	204 142 62	247 189 58	253 203 50	302 242 60	288 230 58	282 224 58	285 219 66	321 242 79	268 200 68
	Suicide.	T M F	468 346 122	44 35 9	33 26 7	27 19 8	34 22 12	41 28 13	45 35 12	37 25 12	46 35 11	41 32 9	42 32 10	38 28 10	40 31 9
155	By poison,	T M F	55 31 24	6 4 2	2 2 —	9 6 3	8 5 3	4 1 3	6 1 5	5 3 2	2 1 2	2 2 —	3 1 2	2 1 1	6 5 1
155a	Arsenic and its compounds, .	T M F	1 — 1	— — —	— — —	— — —	— — —	— — —	— — —	— — —	1 — 1	— — —	— — —	— — —	— — —
155b	Opium and its preparations,	T M F	1 — 1	— — —	— — —	— — —	— — —	— — —	— — —	— — —	1 — 1	— — —	— — —	— — —	— — —
155c	Carbolic acid,	T M F	7 4 3	— — —	— — —	2 2 —	— — —	1 1 —	2 — 2	— — —	— — —	— — —	1 — 1	— — —	1 1 —
155d	Other poisons,	T M F	46 27 19	6 4 2	2 2 —	7 4 3	8 5 3	3 1 3	4 1 3	5 3 2	— 2 —	2 2 —	2 1 1	2 1 1	5 4 1
156	By asphyxia,	T M F	110 71 39	11 8 3	9 6 1	4 3 1	5 6 1	11 4 5	10 7 3	9 6 3	9 5 4	9 4 5	11 9 2	13 9 4	9 6 3
156a	Illuminating gas,	T M F	110 71 39	11 8 3	9 6 3	4 1 3	5 4 1	11 6 5	10 7 3	9 6 3	9 5 4	9 4 5	11 9 2	13 9 4	9 6 3
156b	Other forms of asphyxia, .	T M F	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —
157	By hanging or strangulation, .	T M F	68 56 12	10 8 2	6 4 2	— — —	2 2 —	6 6 1	7 6 1	2 1 1	10 9 1	7 6 2	6 4 1	6 5 1	6 5 1
158	By drowning,	T M F	49 30 19	2 2 —	4 4 —	— — —	3 1 2	8 3 5	4 3 1	6 2 4	6 4 2	6 5 1	3 3 —	2 2 —	5 3 —
159	By firearms,	T M F	129 115 14	7 7 —	11 9 2	7 7 —	9 7 2	8 12 1	13 12 1	11 9 2	11 10 1	16 15 1	14 11 3	13 12 1	9 8 1
160	By cutting or piercing instru- ments.	T M F	33 29 4	5 4 1	1 1 —	4 3 1	3 4 2	4 3 —	3 3 —	3 3 —	3 3 —	— — —	3 — —	— — —	4 4 —
161	By jumping from high places, .	T M F	15 7 8	2 1 1	— — —	2 1 1	1 — —	— — —	2 1 1	— — —	3 2 1	1 1 1	1 1 1	2 1 1	1 — 1
162	By crushing,	T M F	7 5 2	1 — —	— — —	1 — —	3 1 2	— — —	— — —	1 — —	— — —	— — —	1 — —	— — —	— — —

CAUSES INVESTIGATED BY MEDICAL EXAMINERS, BY CAUSES, SEX,
CAUSES, SEX, AND AGE: 1916.

Detailed Int. List No.	AGE PERIODS.													
	Under 1 week.	1 week but under 1 year.	1 to 4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 29 years.	30 to 39 years.	40 to 49 years.	50 to 59 years.	60 to 69 years.	70 to 79 years.	80 years and over.	Unknown.
	190 109 81	369 191 178	363 207 156	208 146 62	133 103 30	182 128 54	606 464 142	804 611 193	965 703 262	1,104 819 285	970 628 342	716 414 302	349 149 200	69 55 14
	86 46 40	369 191 178	363 207 156	208 146 62	133 103 30	182 128 54	606 464 142	804 611 193	965 703 262	1,104 819 285	970 628 342	716 414 302	349 149 200	69 55 14
	20 8 12	60 42 18	233 131 102	185 130 55	115 95 20	142 112 30	475 383 92	449 377 72	439 361 78	422 345 77	266 189 77	173 108 65	70 35 35	36 31 5
	- - -	- - -	- - -	- - -	- - -	14 8 6	67 48 19	100 76 24	87 56 31	93 73 20	61 48 13	32 25 7	8 6 2	6 6 -
155	- - -	- - -	- - -	- - -	- - -	- - -	13 5 8	15 5 10	7 5 2	10 8 2	8 7 1	2 1 1	- - -	- - -
155a	- - -	- - -	- - -	- - -	- - -	- - -	1 - 1	- - -	- - -	- - -	- - -	- - -	- - -	- - -
155b	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	1 1 -	- - -	- - -	- - -
155c	- - -	- - -	- - -	- - -	- - -	- - -	4 2 2	- - -	2 2 -	- - -	- - -	1 - 1	- - -	- - -
155d	- - -	- - -	- - -	- - -	- - -	- - -	8 3 5	15 5 10	5 3 2	10 8 2	7 7 -	1 1 -	- - -	- - -
156	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
156a	- - -	- - -	- - -	- - -	- - -	3 2 1	11 7 4	18 15 3	22 9 13	30 22 8	12 4 8	12 10 2	2 2 -	- - -
156b	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
157	- - -	- - -	- - -	- - -	- - -	4 3 1	8 7 1	18 15 3	11 7 4	11 9 2	9 9 -	6 5 1	- - -	1 1 -
158	- - -	- - -	- - -	- - -	- - -	3 1 2	7 6 1	14 10 4	8 3 5	8 4 4	3 3 -	3 2 1	3 1 2	- - -
159	- - -	- - -	- - -	- - -	- - -	4 2 2	22 19 3	23 21 2	27 23 4	25 23 2	17 16 1	6 6 -	2 2 -	3 3 -
160	- - -	- - -	- - -	- - -	- - -	- - -	2 2 -	8 7 1	4 3 1	6 6 -	9 7 2	1 1 -	1 1 -	2 2 -
161	- - -	- - -	- - -	- - -	- - -	- - -	3 1 2	2 1 1	4 3 1	1 1 1	3 2 1	2 - 2	- - -	- - -
162	- - -	- - -	- - -	- - -	- - -	- - -	- - -	1 1 -	4 3 1	2 1 1	- - -	- - -	- - -	- - -

Detailed Inf. List No.	Table 71 CAUSE OF DEATH.	Sex.	All deaths in- vestigated.	DEATHS DUE TO VIOLENCE AND OTHER AND MONTHS, AND BY											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
163	VIOLENCE — Con. Suicide — Con. Other suicides,	T	2	-	-	-	-	-	-	-	2	-	-	-	-
		M	2	-	-	-	-	-	-	-	2	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
	Homicide.	T	150	21	8	11	11	10	9	10	14	16	17	12	11
		M	77	9	28	9	1	6	5	5	10	7	12	5	6
		F	73	12	6	2	10	4	4	5	4	9	5	7	5
182	By firearms,	T	46	6	3	5	2	1	2	4	8	5	5	3	2
		M	31	1	1	4	1	1	2	3	7	2	5	2	2
		F	15	5	2	1	1	-	-	1	1	3	-	1	-
183	By cutting or piercing instru- ments.	T	17	3	-	1	-	2	2	-	3	1	4	-	1
		M	15	3	-	1	-	2	2	-	2	1	3	-	1
		F	2	-	-	-	-	-	-	-	1	-	1	-	-
184	By other means,	T	87	12	5	5	9	7	5	6	3	10	8	9	8
		M	31	5	1	4	-	3	1	2	1	4	4	3	3
		F	56	7	4	1	9	4	4	4	2	6	4	6	5
184a	Falls and blows,	T	30	2	-	3	1	4	1	4	1	3	5	3	3
		M	23	2	-	2	-	3	1	2	1	3	3	3	3
		F	7	-	-	1	1	1	-	2	-	-	2	-	-
184b	Abortion,	F	37	7	3	-	5	2	3	2	2	4	2	3	4
184c	Infanticide,	T	14	2	2	1	3	1	-	-	-	-	1	3	1
		M	5	2	1	1	-	-	-	-	-	-	1	-	-
		F	9	-	1	-	3	1	-	-	-	-	-	3	1
184d	Smothering and strangula- tion.	T	5	1	-	-	-	-	1	-	-	3	-	-	-
		M	2	1	-	-	-	-	-	-	-	1	-	-	-
		F	3	-	-	-	-	-	1	-	-	2	-	-	-
184e	Legal electrocution, . . .	T	1	-	-	1	-	-	-	-	-	-	-	-	-
		M	1	-	-	1	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
184f	Other means,	T	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
	Accidental.	T	2,467	194	140	157	159	196	199	255	228	225	226	271	217
		M	1,924	132	107	117	119	155	165	212	185	185	175	209	163
		F	543	62	33	40	40	41	34	43	43	40	51	62	54
164	Poisoning by food,	T	3	-	-	1	1	-	-	-	1	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	1	1	-	-	-	1	-	-	-	-
165	Other acute poisonings, . .	T	36	4	3	5	1	5	4	3	1	4	-	5	1
		M	22	1	2	4	1	4	1	3	1	1	-	3	1
		F	14	3	1	1	-	1	3	-	-	3	-	2	-
166	Conflagration,	T	29	2	5	5	4	1	2	-	2	1	-	3	4
		M	16	1	2	2	2	-	2	-	1	1	-	2	3
		F	13	1	3	3	2	1	-	-	1	-	-	1	1
167	Burns (conflagration excepted),	T	263	28	22	25	22	19	13	20	12	18	23	32	29
		M	112	8	12	11	7	11	8	10	4	9	11	11	10
		F	151	20	10	14	15	8	5	10	8	9	12	21	19
168	Absorption of deleterious gases,	T	268	41	16	29	18	19	15	13	5	16	24	35	37
		M	198	31	12	21	12	12	12	11	5	11	15	29	27
		F	70	10	4	8	6	7	3	2	-	5	9	6	10
169	Accidental drowning, . . .	T	318	16	2	8	13	33	45	66	68	29	15	15	8
		M	280	15	2	6	12	32	40	60	54	25	14	13	7
		F	38	1	-	2	1	1	5	6	14	4	1	2	1

CAUSES, INVESTIGATED BY MEDICAL EXAMINERS, BY CAUSES, SEX,
CAUSES, SEX, AND AGE: 1916—Con.

Detailed Int. List No.	AGE PERIODS.													
	Under 1 week.	1 week but under 1 year.	1 to 4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 29 years.	30 to 39 years.	40 to 49 years.	50 to 59 years.	60 to 69 years.	70 to 79 years.	80 years and over.	Unknown.
163	- - - 11 2 9	- - - - - -	- - - 3 1 2	- - - 3 1 2	- - - 4 3 1	- - - 10 5 5	- - - 20 24 29	1 1 - 53 20 15	1 1 - 35 20 15	- - - 14 10 4	- - - 9 7 2	- - - 3 - 3	- - - - - -	- - - - - -
182	- - - - -	- - - - -	- - - - -	- - - - -	1 1 - - -	3 1 2 - -	20 14 6 - -	13 8 5 - -	6 5 1 - -	2 2 - - -	1 - 1 - -	- - - - -	- - - - -	- - - - -
183	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	2 2 - - -	6 6 - - -	5 5 - - -	2 1 1 - -	2 1 1 - -	- - - - -	- - - - -	- - - - -	- - - - -
184	11 2 9	- - -	3 1 2	3 1 2	3 2 1	5 2 3	27 4 23	17 7 10	6 4 2	5 4 1	2 - 2	- - -	- - -	5 4 1
184a	- - -	- - -	3 - 2	- - -	2 2 -	2 2 -	4 4 -	6 5 1	5 4 1	5 4 1	2 - 2	- - -	- - -	1 1 -
184b	-	-	-	-	-	3	23	9	1	-	-	-	-	1
184c	11 2 9	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	3 3 -
184d	- - -	- - -	- - -	3 1 2	1 - 1	- - -	- - -	1 1 -	- - -	- - -	- - -	- - -	- - -	- - -
184e	- - -	- - -	- - -	- - -	- - -	- - -	- - -	1 1 -	- - -	- - -	- - -	- - -	- - -	- - -
184f	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
	9 6 3	60 42 18	230 130 100	182 129 53	111 92 19	118 99 19	355 311 44	314 281 33	338 295 43	320 265 55	202 141 61	141 83 58	62 29 33	25 21 4
164	- - -	- - -	1 - 1	2 - 2	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
165	1 - 1	- - -	6 2 4	1 - 1	1 - 1	3 1 2	6 4 2	5 4 1	5 5 -	1 1 -	5 4 1	2 1 1	- - -	- - -
166	- - -	- - -	5 4 1	1 - 1	1 - 1	- - -	2 1 1	2 - 2	4 3 1	3 3 -	6 3 3	4 1 3	1 1 -	- - -
167	- - -	7 6 1	103 51 52	30 11 19	3 - 3	2 1 1	19 10 9	18 11 7	19 8 11	24 6 18	15 3 12	17 5 12	5 - 5	1 - 1
168	8 6 2	46 30 16	12 7 5	5 3 2	2 2 -	5 2 3	21 18 3	26 22 4	39 30 9	53 41 12	27 21 6	16 13 3	4 1 3	4 2 2
169	- - -	- - -	26 19 7	38 37 1	35 32 3	39 31 8	65 58 7	34 27 7	33 31 2	20 18 2	11 11 -	5 4 1	2 2 -	10 10 -

Detailed Int. List No.	Table 71 CAUSE OF DEATH.	Sex.	All deaths in- vestigated.	DEATHS DUE TO VIOLENCE AND OTHER AND MONTHS, AND BY											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
170	VIOLENCE — Con. Accidental — Con. Traumatism by firearms,	T M F	21 18 3	4 4 —	1 1 —	— — —	— — —	2 2 —	3 3 —	2 2 —	— — —	1 3 1	4 1 1	2 1 1	2 2 —
171	Traumatism by cutting or piercing instruments.	T M F	14 14 —	— — —	2 2 —	— — —	— — —	1 1 —	4 4 —	1 1 —	1 1 —	2 2 —	— — —	1 1 —	2 2 —
172	Traumatism by fall,	T M F	447 334 113	44 25 19	38 28 10	27 21 6	36 30 6	30 21 9	33 24 9	49 38 11	35 31 4	44 34 10	35 27 8	40 29 11	36 26 10
173	Traumatism in mines and quarries.	T M F	1 1 —	— — —	— — —	— — —	— — —	— — —	— — —	1 1 —	— — —	— — —	— — —	— — —	— — —
174	Traumatism by machines,	T M F	72 69 3	5 5 —	4 3 1	7 7 —	9 8 1	6 5 1	5 5 —	6 6 —	7 7 —	7 7 —	5 5 —	1 1 —	10 10 —
174a	Elevators,	T M F	30 27 3	1 1 —	1 — 1	3 3 —	4 3 1	2 1 —	2 2 —	5 5 —	4 4 —	2 2 —	4 4 —	— — —	2 2 —
174b	Other machines,	T M F	42 42 —	4 4 —	3 3 —	4 4 —	5 5 —	4 4 —	3 3 —	1 1 —	3 3 —	5 5 —	1 1 —	1 1 —	8 8 —
175	Traumatism by other crushing,	T M F	884 760 124	39 35 4	41 37 4	43 40 3	48 41 7	76 63 13	69 60 9	73 60 13	84 70 14	91 83 8	111 92 19	131 114 17	78 65 13
175a	Railroad accidents and in- juries.	T M F	299 279 20	11 11 —	28 28 —	20 18 2	20 18 2	30 29 1	29 27 2	24 19 1	19 19 —	26 26 —	40 37 3	22 19 3	30 24 6
175b	Street-car accidents and in- juries.	T M F	96 84 12	2 2 —	1 — 1	4 3 —	1 5 —	6 4 1	4 5 —	5 3 2	6 3 3	5 4 1	1 1 —	53 51 2	8 7 1
175c	Automobile accidents and in- juries.	T M F	298 217 81	11 8 3	4 2 2	4 4 —	11 8 3	22 12 10	22 15 7	24 15 9	41 31 10	41 34 7	50 37 13	43 31 12	25 20 5
175d	Injuries by other vehicles, .	T M F	107 100 7	7 6 1	2 1 —	8 8 —	10 8 2	9 8 1	11 11 —	11 11 —	10 10 —	14 14 —	11 10 1	7 7 —	7 6 1
175e	Landslide or other crushing,	T M F	84 80 4	8 8 —	6 6 —	7 7 —	6 6 —	9 9 —	3 3 —	9 8 —	8 7 1	5 5 —	9 7 2	6 6 —	8 8 —
176	Injuries by animals,	T M F	8 8 —	— — —	— — —	— — —	1 1 —	1 1 —	1 1 —	— — —	4 4 —	1 1 —	— — —	— — —	— — —
177	Starvation,	T M F	1 1 —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	1 1 —
178	Excessive cold,	T M F	21 18 3	4 3 1	2 2 —	3 2 1	2 2 —	— — —	— — —	— — —	— — —	2 2 —	1 — 1	1 1 —	6 6 —
179	Effects of heat,	T M F	15 14 1	— 1 —	1 — —	— — —	— — —	— — —	— — —	8 7 1	4 4 —	1 1 —	1 1 —	— — —	— — —

CAUSES, INVESTIGATED BY MEDICAL EXAMINERS, BY CAUSES, SEX,
CAUSES, SEX, AND AGE: 1916—Con.

Detailed Int. List No.	AGE PERIODS.													
	Under 1 week.	1 week but under 1 year.	1 to 4 years.	5 to 9 years.	10 to 14 years.	15 to 19 years.	20 to 29 years.	30 to 39 years.	40 to 49 years.	50 to 59 years.	60 to 69 years.	70 to 79 years.	80 years and over.	Unknown.
170	-	-	1	5	5	7	2	-	1	-	-	-	-	-
	-	-	1	3	5	6	2	-	1	-	-	-	-	-
171	-	-	-	-	1	2	3	2	2	2	2	-	-	-
	-	-	-	-	1	2	3	2	2	2	2	-	-	-
172	-	4	33	8	9	4	35	52	83	76	52	58	31	2
	-	4	22	5	7	3	34	47	75	64	32	27	12	2
	-	-	11	3	2	1	1	5	8	12	20	31	19	-
173	-	-	-	-	-	-	-	1	-	-	-	-	-	-
	-	-	-	-	-	-	-	1	-	-	-	-	-	-
174	-	1	1	-	5	7	15	14	15	6	6	2	-	-
	-	1	-	-	5	7	14	14	15	6	6	1	-	-
	-	-	1	-	-	-	1	-	-	-	-	1	-	-
174a	-	-	1	-	4	4	8	3	3	3	2	2	-	-
	-	-	-	-	4	4	7	3	3	3	2	1	-	-
	-	-	1	-	-	-	1	-	-	-	-	1	-	-
174b	-	1	-	-	1	3	7	11	12	3	4	-	-	-
	-	1	-	-	1	3	7	11	12	3	4	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
175	-	2	40	88	48	45	166	138	122	117	69	31	13	5
	-	1	24	66	39	42	146	131	111	107	52	26	10	5
	-	1	16	22	9	3	20	7	11	10	17	5	3	-
175a	-	-	5	4	8	22	69	58	42	47	26	11	2	5
	-	-	5	4	6	20	66	58	38	45	22	9	1	5
	-	-	-	-	2	2	3	-	4	2	4	2	1	-
175b	-	-	4	3	1	5	25	13	18	19	3	3	2	-
	-	-	2	1	5	24	12	16	18	18	2	3	1	-
	-	-	2	3	-	1	1	2	2	1	1	-	1	-
175c	-	1	25	59	32	9	46	33	26	26	29	9	3	-
	-	-	14	41	25	8	32	27	22	20	19	6	3	-
	-	1	11	18	7	1	14	6	4	6	10	3	-	-
175d	-	1	6	19	3	5	10	16	17	14	5	7	4	-
	-	1	3	18	3	5	10	16	16	14	4	7	3	-
	-	-	3	1	-	-	-	-	1	-	1	-	1	-
175e	-	-	-	3	4	4	16	18	19	11	6	1	2	-
	-	-	-	3	4	4	14	18	19	10	5	1	2	-
	-	-	-	-	-	-	2	-	-	1	1	-	-	-
176	-	-	-	4	-	-	-	-	-	3	-	-	1	-
	-	-	-	4	-	-	-	-	-	3	-	-	1	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
177	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-	-
178	-	-	1	-	-	-	2	2	2	5	3	4	1	1
	-	-	-	-	-	-	2	2	2	5	3	3	-	1
	-	-	1	-	-	-	-	-	-	-	-	1	1	-
179	-	-	-	-	-	-	1	2	5	4	1	1	1	-
	-	-	-	-	-	-	1	2	5	4	-	1	1	-
	-	-	-	-	-	-	-	-	-	-	1	-	-	-

Detailed Int. List No.	Table 71 CAUSE OF DEATH.	Sex.	All deaths in- vestigated.	DEATHS DUE TO VIOLENCE AND OTHER AND MONTHS, AND BY											
				MONTHS.											
				January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
180	VIOLENCE — Con. Lightning, Accidental — Con.	T	7	-	-	-	-	-	1	4	2	-	-	-	-
		M	6	-	-	-	-	-	1	4	1	-	-	-	-
		F	1	-	-	-	-	-	-	-	1	-	-	-	-
181	Electricity (lightning excepted),	T	33	2	2	1	2	2	3	8	1	5	3	2	2
		M	33	2	2	1	2	2	3	8	1	5	3	2	2
		F	-	-	-	-	-	-	-	-	-	-	-	-	-
185	Fractures (cause not specified),	T	18	5	1	2	1	1	1	1	1	1	2	1	1
		M	13	2	1	1	-	1	1	1	1	1	2	1	1
		F	5	3	-	1	1	-	-	-	-	-	-	-	-
186	Other external violence, . . .	T	8	-	-	1	1	-	-	-	-	2	2	2	-
		M	7	-	-	1	1	-	-	-	-	2	2	1	-
		F	1	-	-	-	-	-	-	-	-	-	-	1	-
	CAUSES NOT DUE TO VIOLENCE.	T	3,839	383	391	341	320	328	262	259	259	291	284	313	408
		M	2,317	242	219	220	195	198	163	146	147	177	171	185	249
		F	1,522	141	172	121	125	130	94	113	112	114	113	128	159
	Stillbirths.	T	104	13	9	8	10	13	7	7	7	12	8	5	5
		M	63	9	6	8	8	5	4	1	5	7	3	3	4
		F	41	4	3	-	2	8	3	6	2	5	5	2	1

CAUSES, INVESTIGATED BY MEDICAL EXAMINERS, BY CAUSES, SEX,
CAUSES, SEX, AND AGE: 1916—Con.

[illegible]

Line No.	Table 72 COUNTIES.	DEATHS (INCLUSIVE OF STILLBIRTHS) INVESTIGATED AND AUTOPSIES MADE BY MEDICAL EXAMINERS IN EACH COUNTY: 1907 TO 1916.										
		10 YEARS, 1907 TO 1916.			1916.		1915.		1914.		1913.	
		Views.	AUTOPSIES.		Views.	Autop- sies.	Views.	Autop- sies.	Views.	Autop- sies.	Views.	Autop- sies.
			Num- ber.	Per cent.								
1	The State.	56,842	6,495	11.4	7,028	791	6,516	629	6,296	479	6,396	889
2	Barnstable, .	471	20	4.2	61	3	60	4	57	4	52	1
3	Berkshire, .	1,426	49	3.4	161	2	145	4	157	12	162	2
4	Bristol, .	4,910	177	3.6	631	26	618	20	610	17	515	18
5	Dukes, .	97	6	6.2	13	1	6	—	12	1	16	1
6	Essex, .	5,839	260	4.5	688	35	663	24	641	24	590	25
7	Franklin, .	753	11	1.5	86	2	70.	3	83	—	90	2
8	Hampden, .	3,673	162	4.4	476	23	452	15	415	16	454	21
9	Hampshire, .	1,000	28	2.8	100	4	125	4	120	2	121	5
10	Middlesex, .	9,772	808	8.3	1,235	133	1,252	125	1,057	77	1,095	110
11	Nantucket, .	50	3	6.0	3	—	9	1	5	1	4	1
12	Norfolk, .	2,619	147	5.6	305	23	311	22	281	14	304	28
13	Plymouth, .	1,579	142	9.0	205	15	176	13	178	11	172	23
14	Suffolk, .	18,860	4,320	22.9	2,280	483	1,960	354	1,977	241	2,161	607
15	Worcester, .	5,784	362	6.3	784	41	669	40	703	59	660	45

Line No.	DEATHS (INCLUSIVE OF STILLBIRTHS) INVESTIGATED AND AUTOPSIES MADE BY MEDICAL EXAMINERS IN EACH COUNTY: 1907 TO 1916.											
	1912.		1911.		1910.		1909.		1908.		1907.	
	Views.	Autop-sies.	Views.	Autop-sies.	Views.	Autop-sies.	Views.	Autop-sies.	Views.	Autop-sies.	Views.	Autop-sies.
1	6,151	730	6,026	661	5,170	602	4,613	609	4,282	555	4,364	550
2	36	1	57	2	30	2	41	-	38	3	39	-
3	151	4	136	8	157	5	115	4	109	3	133	5
4	548	25	494	15	440	14	351	26	356	6	356	10
5	7	1	11	1	12	-	8	1	5	-	7	-
6	629	23	624	25	538	31	477	24	480	30	509	19
7	74	-	70	1	68	-	69	1	74	1	69	1
8	425	15	244	11	322	16	287	13	300	15	298	17
9	115	4	97	1	89	2	68	1	79	3	86	2
10	1,020	70	1,028	69	866	50	838	62	670	43	711	69
11	3	-	9	-	3	-	6	-	4	-	4	-
12	281	8	291	17	245	13	217	10	207	3	177	9
13	171	11	185	17	132	11	114	13	125	17	121	11
14	2,115	535	2,186	465	1,770	423	1,612	425	1,390	411	1,409	376
15	576	33	594	29	498	35	410	29	445	20	445	31

V.

POPULATION STATISTICS.

V.

POPULATION STATISTICS.

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Introductory.—Statistical information relative to the population of a State or community is essential to a proper understanding of its vital events, such as births, marriages, and deaths. These events are generally expressed in terms of the population, that is, as rates per 1,000 or 100,000 inhabitants or group of inhabitants. The number of inhabitants in most localities is constantly changing, and in order to ascertain the population an enumeration or census is made in this Commonwealth every five years. For the intercensal years it is necessary to estimate the number of living.

State Census of 1915.—The official report on the census of 1915² shows that the total population of Massachusetts on April 1, 1915, was 3,693,310. This is an increase of 9.7 per cent. over 1910, and of nearly 23 per cent. over 1905. The estimated population as of July 1, 1916, was 3,775,720.

The population of Boston was 745,439, an increase of 74,854 in five years, the acquisition of Hyde Park accounting for about 15,500. The Metropolitan District, or Greater Boston, gained 163,664,—from 1,423,429 in 1910 to 1,587,093 in 1915. The estimated population of the city of Boston for July 1, 1916, was 760,400. The census population of the cities and towns of this Commonwealth, by sex, for 1910 and 1915, is shown in Table 79, on pages 249 to 259, and the estimated population, as of July 1, 1916, for each city and town for both sexes combined, is shown in Table 1, on pages 17 to 23.

¹ For a list of the tables on population statistics, see page iii.

² Return of the Director of the Bureau of Statistics of the number of inhabitants and legal voters as determined by the decennial census of 1915. House Document No. 1169 (1916).

At the time this report was prepared, the census figures for the population by sex for the State, counties, cities, and towns were available.

Estimates of Population.—The arithmetical method of computing estimates of population for the intercensal years is used in the preparation of the annual reports on vital statistics of Massachusetts. This method assumes that the same amount of increase took place in each intercensal year, and has been generally adopted by bureaus of vital statistics in the United States as being at once the simplest and as having been shown by experience to result, in the majority of cases, in a closer approach to accuracy than any other available method.

A test of this method, based on the State (1905) and Federal (1910) censuses, showed that the estimated population for April 1, 1915, was 3,729,152, or 35,842, or .97 per cent., more than the actual enumeration (3,693,310). The method used by the United States Bureau of the Census, based on the Federal (1900 and 1910) censuses, showed a population of 3,648,137, a difference of 45,173, or 1.23 per cent., less than the actual enumeration.

The estimated population for July 1, 1916, computed on the basis of the State and Federal censuses of 1915 and 1910, is 3,775,720, as compared with 3,719,156 as estimated by the United States Bureau of the Census on the basis of the Federal censuses of 1900 and 1910.

The method of estimating the population for the intercensal years used in this report gives a birth rate of 24.8 and a death rate of 14.9 for 1916, while the method used by the United States Bureau of the Census gives a birth rate of 25.1 and a death rate of 15.2. Although these differences are very slight for 1916, the variations between the rates computed by the two methods will be wider each year until the next Federal census (1920).

The method of calculating estimates of population for the intercensal years is shown in the following example:—

Massachusetts had a population of 3,693,310 at the State census of 1915 (April 1), and of 3,366,416 at the Federal census of 1910 (April 15). The increase during the intercensal period (59½ months) was 326,894, and the monthly increase, according to the arithmetical method of estimating population, was—

$$\frac{3,693,310 - 3,366,416}{59.5} = 5,494.$$

The population July 1, 1914, is estimated by adding to the population as it existed April 15, 1910, 5,494 for each month intervening between the date of enumeration (April 15, 1910) and the date for which the estimate is to be made (July 1, 1914). There being 4 years and $2\frac{1}{2}$ months (or 50.5 months) between these dates, the calculation would be —

$$3,366,416 + (50.5 \times 5,494) = 3,643,863.$$

The same annual increase is also assumed to occur until the next census shall have been taken. The population for July 1, 1916, is estimated by adding to the population as it existed at the preceding census (April 1, 1915) 5,494 for each month intervening between the date of enumeration and the date for which the estimate is desired (July 1, 1916). There being 15 months between these dates, the calculation would be —

$$3,693,310 + (15 \times 5,494) = 3,775,720.$$

STATISTICAL TABLES.

Table 73 CENSUS YEARS.		POPULATION OF MASSACHUSETTS: 1765 TO 1915. ¹				
		Census.	Population.	INCREASE OVER PRECEDING CENSUS.		Per cent. annual increase.
				Number.	Per cent.	
1765,	Provincial,	239,764 ²	—	—	—	—
1776,	Provincial,	299,841 ³	60,077	25.1 ⁴	2.2 ⁴	—
1790,	U. S.,	378,787	78,946	26.3 ⁵	2.0 ⁵	—
1800,	U. S.,	422,845	44,058	11.6	1.2	—
1810,	U. S.,	472,040	49,195	11.6	1.2	June 1
1820,	U. S.,	523,287	51,247	10.9	1.1	June 1
1830,	U. S.,	610,408	87,121	16.6	1.7	June 1
1840,	U. S.,	737,700	127,292	20.9	2.1	June 1
1850,	U. S.,	994,514	256,814	34.8	3.5	June 1
1855,	State,	1,132,369	137,855	13.9	2.6	May 1
1860,	U. S.,	1,231,066	98,697	8.7	1.7	June 1
1865,	State,	1,267,031	35,965	2.9	.6	May 1
1870,	U. S.,	1,457,351	190,320	15.0	3.0	June 1
1875,	State,	1,651,912	194,561	13.4	2.7	May 1
1880,	U. S.,	1,783,085	131,173	7.9	1.6	June 1
1885,	State,	1,942,141	159,056	8.9	1.8	May 1
1890,	U. S.,	2,238,943	296,802	15.3	3.1	June 1
1895,	State,	2,500,183	261,240	11.7	2.3	May 1
1900,	U. S.,	2,805,346	305,163	12.2	2.5	June 1
1905,	State,	3,003,680	198,334	7.1	1.4	May 1
1910,	U. S.,	3,366,416	362,736	12.1	2.4	April 15
1915,	State,	3,693,310	326,894	9.7	1.9	April 1

¹ The estimated population for the intercensal years, 1851 to 1916, are shown in Table 3, on page 26.² Includes 1,569 Indians.³ Includes 4,761 colored population.⁴ This percentage does not include in the population 1,569 Indians.⁵ This percentage does not include in the population 4,761 colored.

Table 74 COUNTIES AND CITIES.	CENSUS POPULATION OF COUNTIES AND OF CITIES HAVING OVER 20,000 INHABITANTS IN 1915: 1880 TO 1915.							
	April 1, 1915. ¹	April 15, 1910.	May 1, 1905.	June 1, 1900.	May 1, 1895.	June 1, 1890.	May 1, 1885.	June 1, 1880.
The State.	3,693,310	3,366,416	3,003,680	2,805,846	2,500,183	2,238,943	1,942,141	1,783,085
COUNTIES.								
Barnstable, . . .	28,818	27,542	26,831	27,826	27,674	29,172	29,845	31,897
Berkshire, . . .	114,709	105,259	98,330	95,667	86,292	81,108	73,828	69,032
Bristol, . . .	346,964	318,573	269,257	252,029	219,019	186,465	158,498	139,040
Dukes, . . .	4,904	4,504	4,551	4,561	4,238	4,369	4,135	4,300
Essex, . . .	463,662	436,477	381,181	357,030	330,393	299,995	263,727	244,535
Franklin, . . .	48,256	43,600	43,362	41,209	40,145	38,610	37,449	36,001
Hampden, . . .	262,944	231,369	196,013	175,603	152,938	135,713	116,764	104,142
Hampshire, . . .	69,549	63,327	62,227	58,820	54,710	51,859	48,472	47,232
Middlesex, . . .	733,624	669,915	608,499	565,696	499,217	431,167	357,311	317,830
Nantucket, . . .	3,166	2,962	2,930	3,006	3,016	3,268	3,142	3,747
Norfolk, . . .	201,907	187,506	167,537	151,539	134,819	118,950	102,142	96,507
Plymouth, . . .	157,303	144,337	127,932	113,985	101,498	92,700	81,680	74,018
Suffolk, . . .	826,801	731,388	652,362	611,417	539,799	484,780	421,109	387,927
Worcester, . . .	430,703	399,657	362,668	346,958	306,445	280,787	244,039	226,897
CITIES OVER 100,000.								
Boston, . . .	745,439	670,585	595,380	560,892	496,920	448,477	390,393	362,839
Worcester, . . .	162,697	145,986	128,135	118,421	98,767	84,655	68,389	58,291
Fall River, . . .	124,791	119,295	105,762	104,863	89,203	74,398	56,870	48,961
New Bedford, . . .	109,568	96,652	74,362	62,442	55,251	40,733	33,393	26,845
Cambridge, . . .	108,822	104,839	97,434	91,886	81,643	70,028	59,658	52,669
Lowell, . . .	107,978	106,294	94,889	94,969	84,367	77,696	64,107	59,475
Springfield, . . .	102,971	88,926	73,540	62,059	51,522	44,179	37,575	33,340
50,000 to 100,000.								
Lynn, . . .	95,803	89,336	77,042	68,513	62,354	55,727	45,867	38,274
Lawrence, . . .	90,259	85,892	70,050	62,559	52,164	44,654	38,862	39,151
Somerville, . . .	86,854	77,236	69,272	61,643	52,200	40,152	29,971	24,933
Brockton, . . .	62,288	56,878	47,794	40,063	33,165	27,294	20,783	13,608
Holyoke, . . .	60,816	57,730	49,934	45,712	40,322	35,637	27,895	21,915
25,000 to 50,000.								
Haverhill, . . .	49,450	44,115	37,830	37,175	34,945	31,132	24,901	21,115
Malden, . . .	48,907	44,404	38,037	33,664	29,708	23,031	16,407	12,017
Chelsea, . . .	43,426	32,585	37,289	34,072	31,264	27,909	25,709	21,782
Newton, . . .	43,113	39,806	36,827	33,587	27,590	24,379	19,759	16,995
Fitchburg, . . .	39,656	37,826	33,021	31,531	26,409	22,037	15,375	12,429
Quincy, . . .	40,674	32,642	28,076	23,899	20,712	16,723	12,145	10,570
Pittsfield, . . .	39,607	32,121	25,001	21,766	20,461	17,281	14,466	13,364
Everett, . . .	37,718	33,484	29,111	24,336	18,573	11,068	5,825	4,159
Salem, . . .	37,200	43,697	37,627	35,956	34,473	30,801	28,090	27,563
Taunton, . . .	36,161	34,259	30,967	31,036	27,115	25,448	23,674	21,213
Brookline (town), . . .	33,490	27,792	23,436	19,935	16,164	12,103	9,196	8,057
Medford, . . .	30,509	23,150	19,686	18,244	14,474	11,079	9,042	7,573
Waltham, . . .	30,154	27,834	26,282	23,481	20,876	18,707	14,609	11,712
Chicopee, . . .	30,138	25,401	20,191	19,167	16,420	14,050	11,516	11,286
Revere, . . .	25,178	18,219	12,659	10,395	7,423	5,668	3,637	2,263
20,000 to 25,000.								
Gloucester, . . .	24,478	24,398	26,011	26,121	28,211	24,651	21,703	19,329
Beverly, . . .	22,959	18,650	15,223	13,884	11,806	10,821	9,186	8,456
North Adams, . . .	22,035	22,019	22,150	24,200	19,135	16,074	12,540	10,191
Northampton, . . .	21,654	19,431	19,957	18,643	16,746	14,990	12,896	12,172

¹ The population for each city and town in the Commonwealth is shown in Table 79, pages 249 to 259.² Hyde Park (in Norfolk County), annexed to Boston (in Suffolk County) in 1912, contained 15,507 inhabitants in 1910, 14,510 in 1905, 13,244 in 1900, 11,826 in 1895, 10,193 in 1890, 8,376 in 1885, and 7,088 in 1880. No other counties have had their boundaries changed since 1874.

Table 75 SEX AND AGE PERIODS.	CENSUS POPULATION OF THE STATE, BY AGE AND BY SEX: 1880 TO 1915.							
	1915.	1910.	1905.	1900.	1895.	1890.	1885.	1880.
Both Sexes — All Ages.	3,693,310	3,366,416	3,003,680	2,805,346	2,500,183	2,238,943	1,942,141	1,783,085
Under 5 years,	363,297	328,886	262,325	282,237	235,647	203,758	178,338	179,307
Under 1 year,	75,253	70,734	50,583	60,492	48,933	— ¹	35,888	37,587
1 year,	71,666	— ¹	36,723	53,943	29,974	— ¹	27,327	33,051
2 years,	73,257	— ¹	63,830	56,257	56,338	— ¹	40,353	36,424
3 years,	72,227	— ¹	59,256	56,678	51,698	— ¹	38,064	35,989
4 years,	70,894	— ¹	56,933	54,867	48,704	— ¹	36,706	36,256
5 to 9 years,	335,855	294,846	277,091	256,061	224,119	195,578	181,842	171,595
10 to 14 years,	302,779	284,960	258,052	229,330	202,900	192,228	176,551	161,425
15 to 19 years,	314,514	296,561	261,955	237,867	225,881	214,613	187,247	167,595
20 to 29 years,	705,348	638,451	568,561	561,792	521,392	465,387	384,750	343,701
30 to 39 years,	588,946	552,030	504,316	461,146	400,134	341,622	287,219	264,413
40 to 49 years,	470,446	421,075	369,185	323,649	282,781	253,181	222,920	203,515
50 to 59 years,	317,447	276,455	241,402	220,391	199,511	178,131	156,760	142,053
60 to 69 years,	180,975	166,241	154,275	138,594	125,283	114,172	101,619	91,619
70 to 79 years,	87,409	80,099	73,383	65,355	61,011	55,886	49,235	44,337
80 years and over,	—	23,377	22,838	19,396	18,510	17,886	15,516	13,525
Age unknown,	—	3,435	5,327	9,528	3,014	6,501	144	—
Males — All Ages.	1,813,713	1,655,248	1,461,589	1,367,474	1,214,701	1,087,709	932,884	858,440
Females — All Ages.	1,879,597	1,711,168	1,542,091	1,437,872	1,285,482	1,151,234	1,009,257	924,645
PER CENT. DISTRIBUTION.								
Both Sexes — All Ages.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years,	—	9.8	8.7	10.1	9.4	9.1	9.2	10.1
Under 1 year,	—	2.1	1.7	2.2	2.0	— ¹	1.8	2.1
1 year,	—	— ¹	1.2	1.9	1.2	— ¹	1.4	1.8
2 years,	—	— ¹	2.1	2.0	2.3	— ¹	2.1	2.0
3 years,	—	— ¹	2.0	2.0	2.1	— ¹	2.0	2.0
4 years,	—	— ¹	1.9	2.0	2.0	—	1.9	2.0
5 to 9 years,	—	8.8	9.2	9.1	9.0	8.7	9.4	9.6
10 to 14 years,	—	8.5	8.5	8.2	8.1	8.6	9.1	9.1
15 to 19 years,	—	8.8	8.7	8.5	9.0	9.6	9.6	9.4
20 to 29 years,	—	19.0	18.9	20.0	20.9	20.8	19.8	19.3
30 to 39 years,	—	16.4	16.8	16.4	16.0	15.3	14.8	14.8
40 to 49 years,	—	12.5	12.3	11.5	11.3	11.4	11.5	11.4
50 to 59 years,	—	8.2	8.0	7.9	8.0	8.0	8.1	8.0
60 to 69 years,	—	4.9	5.1	4.9	5.0	5.1	5.2	5.1
70 to 79 years,	—	2.4	2.4	2.3	2.4	2.5	2.5	2.5
80 years and over,	—	.7	.7	.7	.8	.8	.8	.8
Age unknown,	—	.1	.2	.4	.1	.3	— ¹	—
Males — All Ages.	49.1	49.2	48.7	48.7	48.6	48.6	48.0	48.1
Females — All Ages.	50.9	50.8	51.3	51.3	51.4	51.4	52.0	51.9

¹ Not tabulated.

Table 76	AGE PERIODS.	POPULATION OF MASSACHUSETTS, BY SEX AND AGE: 1915.		
		Both sexes.	Males.	Females.
	All Ages.	3,696,310	1,813,713	1,879,597
Under 1 year,		75,253	37,988	37,265
1 year,		71,666	36,214	35,452
2 years,		73,257	36,880	36,377
3 years,		72,227	36,516	35,711
4 years,		70,894	35,570	35,324
5 to 9 years,		335,855	169,010	166,845
10 to 14 years,		302,779	152,419	150,360
15 to 19 years,		314,514	154,773	159,741
20 to 24 years,		359,272	171,961	187,311
25 to 29 years,		346,076	171,017	175,059
30 to 34 years,		299,217	149,294	149,923
35 to 39 years,		289,729	142,617	147,112
40 to 44 years,		252,936	125,462	127,474
45 to 49 years,		217,510	107,909	109,601
50 to 54 years,		182,789	89,490	93,299
55 to 59 years,		134,658	65,133	69,525
60 to 64 years,		104,707	49,079	55,628
65 to 69 years,		76,268	34,790	41,478
70 to 74 years,		54,374	23,638	30,736
75 to 79 years,		33,035	13,724	19,311
80 years and over, including unknown,		26,294	10,229	16,065

Table 77	NATIVITY OF INHABITANTS OF MASSACHUSETTS.						
	NATIVITY.	1916 Estimated as of July 1.	CENSUS POPULATION.			PER CENT. IN- CREASE.	
			1915.	1910.	1905.	1910-1915.	1905-1910.
Total.	3,775,720	3,693,310	3,366,416	3,003,680	9.7	12.1	
Native,	2,600,280	2,541,265	2,307,171	2,092,501	10.1	10.6	
Foreign born,	1,175,440	1,152,045	1,059,245	911,179	14.0	8.8	

Table 78	CITY.	NATIVITY OF INHABITANTS OF CITIES: 1910 AND 1915.					
		1915.			1910.		
		Total.	Native. ¹	Foreign born.	Total.	Native. ¹	Foreign born.
Attleboro,		18,480	13,745	4,755	12,702 ²	9,199 ²	3,503 ²
Beverly,		22,959	16,874	6,085	15,223 ²	11,673 ²	3,550 ²
Boston,		745,439	477,285	268,154	670,585	427,220	243,365
Brockton,		62,288	44,579	17,709	56,878	41,412	15,466
Cambridge,		108,822	72,757	36,065	104,839	69,511	35,328
Chelsea,		43,426	24,129	19,297	32,452	18,623	13,829
Chicopee,		30,138	18,669	11,469	25,401	13,359	10,042
Everett,		37,718	26,689	11,029	33,484	23,748	9,736
Fall River,		124,791	74,530	50,261	119,295	68,337	50,958
Fitchburg,		39,656	25,776	13,880	37,826	24,208	13,618
Gloucester,		24,478	17,517	6,961	26,011 ²	17,502 ²	3,509 ²
Haverhill,		49,450	36,583	12,867	44,115	32,925	11,190
Holyoke,		60,816	37,979	22,837	57,730	34,476	23,254
Lawrence,		90,259	48,912	41,347	85,892	44,421	41,471
Lowell,		107,978	66,967	41,011	106,294	62,800	43,494
Lynn,		95,803	66,345	29,458	89,336	61,731	27,605
Malden,		48,907	33,530	15,377	44,404	30,913	13,491
Marlborough,		15,250	11,799	3,451	14,073 ²	10,797 ²	3,276 ²
Medford,		30,509	23,621	6,888	19,686 ²	15,266 ²	4,420 ²
Melrose,		16,880	13,640	3,240	14,295 ²	11,264 ²	3,031 ²
New Bedford,		109,568	61,126	48,442	96,652	52,925	43,727
Newburyport,		15,311	12,028	3,283	14,675 ²	11,908 ²	2,767 ²
Newton,		43,113	31,628	11,485	39,806 ²	28,537 ²	11,269 ²
North Adams,		22,035	16,168	5,867	22,150 ²	15,945 ²	6,205 ²
Northampton,		21,654	16,091	5,563	19,957 ²	15,074 ²	4,883 ²
Pittsfield,		39,607	30,804	8,803	32,121	25,338	6,783
Quincy,		40,674	27,139	13,535	32,642	21,734	10,908
Revere,		25,178	17,167	8,011	12,659 ²	9,920 ²	3,439 ²
Salem,		37,200	26,465	10,735	43,697	30,120	13,577
Somerville,		86,854	63,425	23,429	77,236	56,418	20,818
Springfield,		102,971	75,547	27,424	88,926	65,849	23,077
Taunton,		36,161	25,690	10,471	34,259	24,347	9,912
Waltham,		30,154	21,773	8,381	27,834	20,128	7,706
Woburn,		16,410	11,881	4,529	14,402 ²	10,606 ²	3,796 ²
Worcester,		162,697	110,108	52,589	145,986	97,389	48,597

¹ Includes persons born in the island possessions of the United States, persons born at sea of American parents, and persons of unknown country of birth.

² These figures are for 1905; 1910 statistics are not available.

Table 79

POPULATION OF COUNTIES AND MUNICIPALITIES, BY SEX:
1910 AND 1915.CITIES (BY WARDS) AND TOWNS.
(Arranged by Counties.)

	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
The State.	1,813,713	1,879,597	3,693,310	1,655,248	1,711,168	3,366,416
BARNSTABLE COUNTY.	14,340	14,478	28,818	13,564	13,978	27,542
Barnstable,	2,499	2,496	4,995	2,285	2,391	4,676
Bourne,	1,420	1,252	2,672	—	—	2,474
Brewster,	375	408	783	—	—	631
Chatham,	801	866	1,667	—	—	1,564
Dennis,	845	977	1,822	—	—	1,919
Eastham,	272	273	545	—	—	518
Falmouth,	2,008	1,909	3,917	1,575	1,569	3,144
Harwich,	1,039	1,140	2,179	—	—	2,115
Mashpee,	146	117	263	—	—	270
Orleans,	565	601	1,166	—	—	1,077
Provincetown,	2,129	2,166	4,295	2,196	2,173	4,369
Sandwich,	745	755	1,500	—	—	1,688
Truro,	333	330	663	—	—	655
Wellfleet,	471	465	936	—	—	1,022
Yarmouth,	692	723	1,415	—	—	1,420
BERKSHIRE COUNTY.	56,392	58,317	114,709	52,184	53,075	105,259
Adams,	6,363	6,855	13,218	6,233	6,793	13,026
Alford,	147	124	271	—	—	275
Becket,	519	454	973	—	—	959
Cheshire,	822	713	1,535	—	—	1,508
Clarksburg,	580	534	1,114	—	—	1,207
Dalton,	1,795	2,063	3,858	1,685	1,883	3,568
Egremont,	290	309	599	—	—	605
Florida,	256	171	427	—	—	395
Great Barrington,	3,176	3,451	6,627	2,820	3,106	5,926
Hancock,	278	236	514	—	—	465
Hinsdale,	652	605	1,257	—	—	1,116
Lanesborough,	574	515	1,089	—	—	947
Lee,	2,327	2,154	4,481	2,076	2,030	4,106
Lenox,	1,656	1,586	3,242	1,534	1,526	3,060
Monterey,	209	149	358	—	—	388
Mount Washington,	44	51	95	—	—	110
New Ashford,	48	44	92	—	—	92
New Marlborough,	535	495	1,030	—	—	1,124
NORTH ADAMS,	10,558	11,477	22,035	10,620	11,399	22,019
Ward 1,	1,448	1,599	3,047	—	—	—
Ward 2,	1,475	1,614	3,089	—	—	—
Ward 3,	1,034	1,225	2,259	—	—	—
Ward 4,	1,786	1,906	3,692	—	—	—
Ward 5,	1,411	1,679	3,090	—	—	—
Ward 6,	1,389	1,603	2,992	—	—	—
Ward 7,	2,015	1,851	3,866	—	—	—
Otis,	231	211	442	—	—	494
Peru,	109	86	195	—	—	237
PITTSFIELD,	19,316	20,291	39,607	16,130	15,991	32,121
Ward 1,	3,085	2,975	6,060	—	—	—
Ward 2,	2,890	3,054	5,944	—	—	—
Ward 3,	2,975	3,021	5,996	—	—	—
Ward 4,	2,191	2,742	4,933	—	—	—
Ward 5,	2,716	2,813	5,529	—	—	—
Ward 6,	3,043	3,229	6,272	—	—	—
Ward 7,	2,416	2,457	4,873	—	—	—
Richmond,	315	249	564	—	—	650
Sandisfield,	301	263	564	—	—	566
Savoy,	276	248	524	—	—	503
Sheffield,	967	895	1,862	—	—	1,817
Stockbridge,	918	983	1,901	—	—	1,933

Table 79 CITIES (BY WARDS) AND TOWNS. (Arranged by Counties.)	POPULATION OF COUNTIES AND MUNICIPALITIES, BY SEX: 1910 AND 1915.					
	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
BERKSHIRE COUNTY — Con.						
Tyringham,	177	150	327	—	—	382
Washington,	157	118	275	—	—	277
West Stockbridge,	670	607	1,277	—	—	1,271
Williamstown,	1,926	2,055	3,981	1,764	1,944	3,708
Windsor,	200	175	375	—	—	404
BRISTOL COUNTY.	169,203	177,761	346,964	156,537	162,036	318,573
Acushnet,	1,193	1,194	2,387	—	—	1,692
ATTLEBORO,	9,095	9,385	18,480	8,064	8,151	16,215
Ward 1,	2,337	2,258	4,595	—	—	—
Ward 2,	1,458	1,527	2,985	—	—	—
Ward 3,	1,445	1,609	3,054	—	—	—
Ward 4,	1,736	1,824	3,560	—	—	—
Ward 5,	2,119	2,167	4,286	—	—	—
Berkley,	510	475	985	—	—	999
Dartmouth,	2,760	2,570	5,330	2,256	2,122	4,378
Dighton,	1,298	1,201	2,499	—	—	2,255
Easton,	2,496	2,568	5,064	2,607	2,532	5,139
Fairhaven,	2,990	3,287	6,277	2,424	2,698	5,122
FALL RIVER,	60,319	64,472	124,791	57,627	61,668	119,295
Ward 1,	11,154	11,874	23,028	9,994	10,497	20,491
Ward 2,	6,485	6,935	13,420	5,878	6,369	12,247
Ward 3,	7,327	7,595	14,922	7,565	7,684	15,249
Ward 4,	5,709	6,536	12,245	5,680	6,632	12,312
Ward 5,	5,900	5,923	11,823	5,951	5,925	11,876
Ward 6,	8,797	9,047	17,844	8,367	8,743	17,110
Ward 7,	2,765	2,836	5,601	2,986	3,062	6,048
Ward 8,	4,786	5,863	10,649	4,337	5,513	9,850
Ward 9,	7,396	7,863	15,259	6,869	7,243	14,112
Freetown,	860	803	1,663	—	—	1,471
Mansfield,	2,911	2,861	5,772	2,643	2,540	5,183
NEW BEDFORD,	53,167	56,401	109,568	47,731	48,921	96,652
Ward 1,	11,562	11,814	23,376	—	—	—
Ward 2,	9,529	9,682	19,211	—	—	—
Ward 3,	5,410	6,358	11,768	—	—	—
Ward 4,	5,235	5,764	10,999	—	—	—
Ward 5,	8,127	9,227	17,354	—	—	—
Ward 6,	13,304	13,556	26,860	—	—	—
North Attleborough,	4,529	4,869	9,398	4,783	4,779	9,562
Norton,	1,319	1,268	2,587	1,311	1,233	2,544
Raynham,	953	857	1,810	—	—	1,725
Rehoboth,	1,177	1,051	2,228	—	—	2,001
Seekonk,	1,433	1,334	2,767	—	—	2,397
Somerset,	1,653	1,724	3,377	1,387	1,411	2,798
Swansea,	1,273	1,285	2,558	—	—	1,978
TAUNTON,	17,604	18,557	36,161	16,722	17,537	34,259
Ward 1,	1,817	1,996	3,813	—	—	—
Ward 2,	1,598	1,682	3,280	—	—	—
Ward 3,	1,648	1,637	3,285	—	—	—
Ward 4,	2,314	2,587	4,901	—	—	—
Ward 5,	2,767	3,004	5,771	—	—	—
Ward 6,	1,942	1,897	3,839	—	—	—
Ward 7,	1,898	2,047	3,945	—	—	—
Ward 8,	3,620	3,707	7,327	—	—	—
Westport,	1,663	1,599	3,262	1,480	1,448	2,928
DUKES COUNTY.	2,390	2,514	4,904	2,201	2,303	4,504
Chilmark,	144	144	288	—	—	282
Edgartown,	599	677	1,276	—	—	1,191
Gay Head,	95	80	175	—	—	162
Gosnold,	94	61	155	—	—	152

Table 79

POPULATION OF COUNTIES AND MUNICIPALITIES, BY SEX:
1910 AND 1915.

CITIES (BY WARDS) AND TOWNS. (Arranged by Counties.)	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
DUKES COUNTY — Con.						
Oak Bluffs,	599	646	1,245	—	—	1,084
Tisbury,	640	684	1,324	—	—	1,196
West Tisbury,	219	222	441	—	—	437
ESSEX COUNTY.	228,590	235,072	463,662	216,803	219,674	436,477
Amesbury,	4,079	4,464	8,543	4,864	5,030	9,894
Andover,	3,615	4,363	7,978	3,343	3,958	7,301
BEVERLY,	11,469	11,490	22,959	9,509	9,141	18,650
Ward 1,	2,814	2,745	5,559	—	—	—
Ward 2,	1,475	1,662	3,137	—	—	—
Ward 3,	2,308	1,942	4,250	—	—	—
Ward 4,	2,001	2,198	4,199	—	—	—
Ward 5,	2,083	2,106	4,189	—	—	—
Ward 6,	788	837	1,625	—	—	—
Boxford,	350	364	714	—	—	718
Danvers,	5,477	5,700	11,177	4,578	4,829	9,407
Essex,	834	843	1,677	—	—	1,621
Georgetown,	1,041	1,017	2,058	—	—	1,958
GLOUCESTER,	12,455	12,023	24,478	12,675	11,723	24,398
Ward 1,	1,290	1,335	2,625	—	—	—
Ward 2,	2,546	2,404	4,950	—	—	—
Ward 3,	1,973	1,708	3,681	—	—	—
Ward 4,	1,007	899	1,906	—	—	—
Ward 5,	2,052	2,137	4,189	—	—	—
Ward 6,	1,731	1,781	3,512	—	—	—
Ward 7,	1,061	945	2,006	—	—	—
Ward 8,	795	814	1,609	—	—	—
Groveland,	1,128	1,249	2,377	—	—	2,253
Hamilton,	946	933	1,879	—	—	1,749
HAVERHILL,	24,059	25,391	49,450	21,607	22,508	44,115
Ward 1,	1,336	1,500	2,836	—	—	—
Ward 2,	1,331	1,602	2,933	—	—	—
Ward 3,	1,907	1,670	3,577	—	—	—
Ward 4,	2,510	2,828	5,338	—	—	—
Ward 5,	8,793	8,363	17,156	—	—	—
Ward 6,	4,456	5,264	9,720	—	—	—
Ward 7,	3,726	4,164	7,890	—	—	—
Ipswich,	3,136	3,136	6,272	2,874	2,903	5,777
LAWRENCE,	44,702	45,557	90,259	42,858	43,034	85,892
Ward 1,	7,924	8,219	16,143	7,040	7,146	14,186
Ward 2,	7,534	7,308	14,842	7,054	6,517	13,571
Ward 3,	7,436	6,883	14,319	7,220	7,016	14,236
Ward 4,	6,344	6,210	12,554	6,787	6,794	13,581
Ward 5,	7,679	8,487	16,166	7,813	8,367	16,180
Ward 6,	7,785	8,450	16,235	6,944	7,194	14,138
LYNN,	47,049	48,754	95,803	44,585	44,751	89,336
Ward 1,	1,519	1,520	3,039	1,209	1,245	2,454
Ward 2,	2,823	3,135	5,958	2,654	2,810	5,464
Ward 3,	9,151	10,614	19,765	8,555	9,508	18,063
Ward 4,	8,591	8,772	17,363	7,956	8,091	16,047
Ward 5,	10,156	10,441	20,597	9,509	9,702	19,211
Ward 6,	12,207	11,671	23,878	12,422	11,115	23,537
Ward 7,	2,602	2,601	5,203	2,280	2,280	4,560
Lynnfield,	534	578	1,112	—	—	911
Manchester,	1,512	1,433	2,945	1,426	1,247	2,673
Marblehead,	3,580	4,026	7,606	3,446	3,892	7,338
Merrimac,	990	1,111	2,101	—	—	2,202
Methuen,	6,656	7,351	14,007	5,493	5,955	11,448
Middleton,	545	763	1,308	—	—	1,129
Nahant,	689	698	1,387	—	—	1,184
Newbury,	805	785	1,590	—	—	1,482

Table 79 CITIES (BY WARDS) AND TOWNS. (Arranged by Counties.)	POPULATION OF COUNTIES AND MUNICIPALITIES, BY SEX: 1910 AND 1915.					
	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
ESSEX COUNTY — Con.						
NEWBURYPORT,	7,283	8,028	15,311	7,032	7,917	14,949
Ward 1,	1,253	1,304	2,557	—	—	—
Ward 2,	1,689	1,830	3,528	—	—	—
Ward 3,	1,061	1,067	2,128	—	—	—
Ward 4,	963	1,172	2,135	—	—	—
Ward 5,	1,228	1,385	2,613	—	—	—
Ward 6,	1,089	1,261	2,350	—	—	—
North Andover,	2,882	3,074	5,956	2,701	2,828	5,529
Peabody,	10,272	8,353	18,625	8,618	7,103	15,721
Rockport,	2,167	2,184	4,351	2,103	2,108	4,211
Rowley,	737	744	1,481	—	—	1,368
SALEM,	18,295	18,905	37,200	21,291	22,406	43,697
Ward 1,	3,685	3,567	7,252	—	—	—
Ward 2,	3,383	3,640	7,023	—	—	—
Ward 3,	2,174	2,046	4,220	—	—	—
Ward 4,	3,073	3,236	6,309	—	—	—
Ward 5,	3,029	3,152	6,181	—	—	—
Ward 6,	2,951	3,264	6,215	—	—	—
Salisbury,	918	799	1,717	—	—	1,658
Saugus,	5,018	5,208	10,226	3,965	4,082	8,047
Swampscott,	3,494	3,851	7,345	2,998	3,206	6,204
Topsfield,	607	566	1,173	—	—	1,174
Wenham,	517	551	1,068	—	—	1,010
West Newbury,	749	780	1,529	—	—	1,473
FRANKLIN COUNTY.						
	24,734	23,522	48,256	22,109	21,491	43,600
Ashfield,	516	478	994	—	—	959
Bernardston,	408	382	790	—	—	741
Buckland,	811	758	1,569	—	—	1,573
Charlemont,	524	453	977	—	—	1,001
Colrain,	949	880	1,829	—	—	1,741
Conway,	626	594	1,220	—	—	1,230
Deerfield,	1,491	1,248	2,739	—	—	2,209
Erving,	613	555	1,168	—	—	1,148
Gill,	500	451	951	—	—	942
Greenfield,	6,349	6,269	12,618	5,268	5,159	10,427
Hawley,	253	174	427	—	—	424
Heath,	208	175	383	—	—	346
Leverett,	413	366	779	—	—	728
Leyden,	188	156	344	—	—	363
Monroe,	202	94	296	—	—	246
Montague,	4,095	3,830	7,925	3,492	3,374	6,866
New Salem,	299	326	625	—	—	639
Northfield,	840	942	1,782	—	—	1,642
Orange,	2,593	2,786	5,379	2,561	2,721	5,282
Rowe,	239	185	424	—	—	456
Shelburne,	694	790	1,484	—	—	1,498
Shutesbury,	152	140	292	—	—	267
Sunderland,	697	581	1,278	—	—	1,047
Warwick,	259	218	477	—	—	477
Wendell,	207	181	388	—	—	502
Whately,	608	510	1,118	—	—	846
HAMPDEN COUNTY.						
	129,103	133,841	262,944	113,624	117,745	231,369
Agawam,	2,327	2,228	4,555	1,791	1,710	3,501
Blandford,	330	293	623	—	—	717
Brimfield,	531	403	934	—	—	866
Chester,	705	639	1,344	—	—	1,377

Table 79

POPULATION OF COUNTIES AND MUNICIPALITIES, BY SEX:
1910 AND 1915.CITIES (BY WARDS) AND TOWNS.
(Arranged by Counties.)

	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
HAMPDEN COUNTY — Con.						
CHICOPEE,	15,296	14,842	30,138	12,736	12,665	25,401
Ward 1,	2,111	2,021	4,132	—	—	—
Ward 2,	1,565	1,640	3,205	—	—	—
Ward 3,	2,401	2,179	4,580	—	—	—
Ward 4,	2,125	2,202	4,327	—	—	—
Ward 5,	2,462	2,307	4,769	—	—	—
Ward 6,	1,455	1,384	2,839	—	—	—
Ward 7,	3,177	3,109	6,286	—	—	—
East Longmeadow,	986	953	1,939	—	—	1,553
Granville,	420	364	784	—	—	781
Hampden,	355	315	670	—	—	645
Holland,	81	78	159	—	—	145
HOLYOKE,						
Holyoke,	29,359	31,457	60,816	27,671	30,059	57,730
Ward 1,	4,596	4,724	9,320	4,542	4,837	9,379
Ward 2,	4,851	4,843	9,694	5,225	5,484	10,709
Ward 3,	5,365	5,773	11,138	4,342	4,564	8,906
Ward 4,	4,370	4,428	8,798	4,383	4,521	8,904
Ward 5,	2,476	2,923	5,399	2,412	2,808	5,220
Ward 6,	3,876	4,129	8,005	3,682	4,076	7,758
Ward 7,	3,825	4,637	8,462	3,085	3,769	6,854
Longmeadow,	853	929	1,782	—	—	1,084
Ludlow,	3,018	3,233	6,251	2,426	2,522	4,948
Monson,	2,394	2,610	5,004	2,327	2,431	4,758
Montgomery,	125	105	230	—	—	217
Palmer,	4,700	4,768	9,468	4,312	4,298	8,610
Russell,	567	537	1,104	—	—	965
Southwick,	757	608	1,365	—	—	1,020
SPRINGFIELD,						
Springfield,	49,791	53,180	102,971	43,221	45,705	88,926
Ward 1,	5,756	5,907	11,663	—	—	—
Ward 2,	10,000	9,844	19,844	—	—	—
Ward 3,	5,318	5,350	10,668	—	—	—
Ward 4,	6,222	7,091	13,313	—	—	—
Ward 5,	4,374	5,548	9,922	—	—	—
Ward 6,	5,024	5,840	10,864	—	—	—
Ward 7,	4,702	5,050	9,752	—	—	—
Ward 8,	8,395	8,550	16,945	—	—	—
Tolland,	114	85	199	—	—	180
Wales,	172	165	337	—	—	345
Westfield,	9,401	9,010	18,411	8,268	7,776	16,044
West Springfield,	5,601	5,738	11,339	4,599	4,625	9,224
Wilbraham,	1,220	1,301	2,521	—	—	2,332
HAMPSHIRE COUNTY.						
Hampshire County,	33,957	35,592	69,549	30,700	32,627	63,327
Amherst,	2,649	2,909	5,558	2,358	2,754	5,112
Belchertown,	1,025	1,037	2,062	—	—	2,054
Chesterfield,	294	265	559	—	—	536
Cummington,	339	321	660	—	—	637
Easthampton,	4,744	5,101	9,845	4,142	4,382	8,524
Enfield,	396	410	806	—	—	874
Goshen,	169	120	289	—	—	279
Granby,	462	366	828	—	—	761
Greenwich,	227	199	426	—	—	452
Hadley,	1,463	1,203	2,666	—	—	1,999
Hatfield,	1,501	1,129	2,630	—	—	1,986
Huntington,	718	709	1,427	—	—	1,473
Middlefield,	175	150	325	—	—	354
NORTHAMPTON,						
Northampton,	10,132	11,522	21,654	9,094	10,337	19,431
Ward 1,	1,751	1,732	3,483	—	—	—
Ward 2,	1,159	1,967	3,126	—	—	—
Ward 3,	2,101	2,265	4,366	—	—	—
Ward 4,	1,821	1,947	3,768	—	—	—
Ward 5,	1,312	1,374	2,686	—	—	—
Ward 6,	1,014	1,169	2,183	—	—	—
Ward 7,	974	1,068	2,042	—	—	—

Table 79

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1910 AND 1915.CITIES (BY WARDS) AND TOWNS.
(Arranged by Counties.)

	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
HAMPSHIRE COUNTY — Con.						
Pelham,	265	234	499	—	—	467
Plainfield,	188	187	375	—	—	406
Prescott,	144	155	299	—	—	320
Southampton,	486	464	950	—	—	870
South Hadley,	2,464	2,715	5,179	2,332	2,562	4,894
Ware,	4,455	4,891	9,346	4,108	4,666	8,774
Westhampton,	231	199	430	—	—	423
Williamsburg,	1,089	1,029	2,118	—	—	2,132
Worthington,	341	277	618	—	—	569
MIDDLESEX COUNTY.	352,083	381,541	733,624	321,474	348,441	669,915
Acton,	1,058	1,093	2,151	—	—	2,136
Arlington,	6,870	8,019	14,889	5,128	6,059	11,187
Ashby,	480	442	922	—	—	885
Ashland,	976	1,029	2,005	—	—	1,682
Ayer,	1,359	1,420	2,779	1,427	1,370	2,797
Bedford,	693	672	1,365	—	—	1,231
Belmont,	3,767	4,314	8,081	2,556	2,986	5,542
Billerica,	1,600	1,646	3,246	1,351	1,438	2,789
Boxborough,	173	153	326	—	—	317
Burlington,	397	354	751	—	—	591
CAMBRIDGE,	51,995	56,827	108,822	50,161	54,678	104,839
Ward 1,	3,494	3,087	6,581	3,864	3,421	7,285
Ward 2,	3,431	3,076	6,507	3,377	3,165	6,542
Ward 3,	5,679	5,411	11,090	5,807	5,600	11,407
Ward 4,	5,254	5,297	10,551	5,523	5,547	11,070
Ward 5,	4,267	5,541	9,808	3,964	5,102	9,066
Ward 6,	6,785	6,819	13,604	6,502	6,514	13,016
Ward 7,	5,604	6,118	11,722	5,384	6,014	11,398
Ward 8,	4,248	5,121	9,369	3,869	4,783	8,652
Ward 9,	4,347	6,218	10,565	3,877	5,444	9,321
Ward 10,	3,684	4,652	8,336	3,153	4,029	7,182
Ward 11,	5,202	5,487	10,689	4,841	5,059	9,900
Carlisle,	263	227	490	—	—	551
Chelmsford,	2,537	2,645	5,182	2,524	2,486	5,010
Concord,	3,608	3,073	6,681	3,509	2,912	6,421
Dracut,	2,020	2,002	4,022	1,755	1,706	3,461
Dunstable,	190	172	362	—	—	408
EVERETT,	18,387	19,331	37,718	16,313	17,171	33,484
Ward 1,	2,333	2,094	4,427	—	—	—
Ward 2,	3,538	3,844	7,382	—	—	—
Ward 3,	4,701	5,132	9,833	—	—	—
Ward 4,	2,771	2,910	5,681	—	—	—
Ward 5,	2,321	2,288	4,609	—	—	—
Ward 6,	2,723	3,063	5,786	—	—	—
Framingham,	7,791	8,069	15,860	6,299	6,649	12,948
Groton,	1,096	1,237	2,333	—	—	2,155
Holliston,	1,352	1,436	2,788	1,316	1,395	2,711
Hopkinton,	1,188	1,287	2,475	—	—	2,452
Hudson,	3,360	3,398	6,758	3,377	3,366	6,743
Lexington,	2,656	2,882	5,538	2,338	2,580	4,918
Lincoln,	671	639	1,310	—	—	1,175
Littleton,	608	620	1,228	—	—	1,229
LOWELL,	52,016	55,962	107,978	51,525	54,769	106,294
Ward 1,	4,758	4,802	9,560	4,623	4,978	9,601
Ward 2,	7,270	6,429	13,699	8,062	6,263	14,325
Ward 3,	5,920	6,447	12,367	5,399	6,191	11,590
Ward 4,	4,698	4,951	9,649	4,782	5,189	9,971
Ward 5,	4,843	4,951	9,794	4,990	5,099	10,089
Ward 6,	9,825	10,872	20,697	9,981	11,020	21,001
Ward 7,	4,848	5,873	10,721	4,509	5,381	9,890
Ward 8,	5,028	5,775	10,803	4,471	5,005	9,476
Ward 9,	4,826	5,862	10,688	4,708	5,643	10,351

Table 79

POPULATION OF COUNTIES AND MUNICIPALITIES, BY SEX:
1910 AND 1915.

CITIES (BY WARDS) AND TOWNS. (Arranged by Counties.)	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
MIDDLESEX COUNTY — Con.						
MALDEN,	23,164	25,743	48,907	20,927	23,477	44,404
Ward 1,	2,686	3,263	5,949	—	—	—
Ward 2,	3,192	3,201	6,393	—	—	—
Ward 3,	2,455	3,195	5,650	—	—	—
Ward 4,	2,465	2,799	5,264	—	—	—
Ward 5,	3,361	3,889	7,250	—	—	—
Ward 6,	3,762	3,911	7,673	—	—	—
Ward 7,	5,243	5,485	10,728	—	—	—
MARLBOROUGH,	7,574	7,676	15,250	7,181	7,398	14,579
Ward 1,	1,130	1,128	2,258	—	—	—
Ward 2,	1,184	1,065	2,249	—	—	—
Ward 3,	1,180	1,238	2,418	—	—	—
Ward 4,	1,230	1,302	2,532	—	—	—
Ward 5,	938	938	1,876	—	—	—
Ward 6,	924	956	1,880	—	—	—
Ward 7,	988	1,049	2,037	—	—	—
Maynard,	3,583	3,187	6,770	3,317	3,073	6,390
MEDFORD,	14,500	16,009	30,509	10,877	12,273	23,150
Ward 1,	2,169	2,249	4,418	—	—	—
Ward 2,	1,967	2,228	4,195	—	—	—
Ward 3,	1,338	1,696	3,034	—	—	—
Ward 4,	2,204	2,356	4,560	—	—	—
Ward 5,	3,336	3,448	6,784	—	—	—
Ward 6,	2,461	2,850	5,311	—	—	—
Ward 7,	1,025	1,182	2,207	—	—	—
MELROSE,	7,753	9,127	16,880	7,210	8,505	15,715
Ward 1,	980	1,192	2,172	—	—	—
Ward 2,	1,222	1,424	2,646	—	—	—
Ward 3,	1,189	1,386	2,575	—	—	—
Ward 4,	824	1,088	1,912	—	—	—
Ward 5,	965	1,174	2,139	—	—	—
Ward 6,	1,275	1,465	2,740	—	—	—
Ward 7,	1,298	1,398	2,696	—	—	—
Natick,	5,547	5,572	11,119	4,773	5,093	9,866
NEWTON,	19,378	23,735	43,113	17,801	22,005	39,806
Ward 1,	2,710	2,904	5,614	—	—	—
Ward 2,	3,653	4,303	7,956	—	—	—
Ward 3,	3,081	3,789	6,870	—	—	—
Ward 4,	2,174	2,521	4,695	—	—	—
Ward 5,	3,237	3,837	7,074	—	—	—
Ward 6,	2,941	4,022	6,963	—	—	—
Ward 7,	1,582	2,359	3,941	—	—	—
North Reading,	642	650	1,292	—	—	1,059
Pepperell,	1,409	1,430	2,839	1,492	1,461	2,953
Reading,	3,246	3,559	6,805	2,770	3,048	5,818
Sherborn,	654	1,042	1,696	—	—	1,428
Shirley,	1,227	1,024	2,251	—	—	2,139
SOMERVILLE,	40,982	45,872	86,854	36,628	40,608	77,236
Ward 1,	5,925	6,028	11,953	5,143	5,255	10,398
Ward 2,	6,670	6,916	13,586	6,547	6,476	13,023
Ward 3,	3,658	4,383	8,041	3,546	4,192	7,738
Ward 4,	3,944	4,514	8,458	3,504	4,019	7,523
Ward 5,	5,619	6,577	12,196	5,253	5,993	11,246
Ward 6,	7,334	8,327	15,661	6,779	7,676	14,455
Ward 7,	7,832	9,127	16,959	5,856	6,997	12,853
Stoneham,	3,592	3,897	7,489	3,471	3,619	7,090
Stow,	563	1,127	1,690	—	—	1,115
Sudbury,	604	602	1,206	—	—	1,120
Tewksbury,	2,994	2,271	5,265	2,003	1,747	3,750
Townsend,	904	908	1,812	—	—	1,761
Tyngsborough,	493	474	967	—	—	829
Wakefield,	6,182	6,599	12,781	5,448	5,956	11,404

Table 79

POPULATION OF COUNTIES AND MUNICIPALITIES, BY SEX:
1910 AND 1915.CITIES (BY WARDS) AND TOWNS.
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	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
MIDDLESEX COUNTY — Con.						
WALTHAM,	14,351	15,803	30,154	12,949	14,885	27,834
Ward 1,	2,253	2,564	4,817	—	—	—
Ward 2,	2,286	2,496	4,782	—	—	—
Ward 3,	2,260	2,270	4,530	—	—	—
Ward 4,	1,947	2,154	4,101	—	—	—
Ward 5,	1,534	1,816	3,350	—	—	—
Ward 6,	2,378	2,805	5,183	—	—	—
Ward 7,	1,693	1,698	3,391	—	—	—
Watertown,	8,114	8,401	16,515	6,341	6,534	12,875
Wayland,	968	1,065	2,033	—	—	2,206
Westford,	1,392	1,451	2,843	1,417	1,434	2,851
Weston,	1,101	1,241	2,342	—	—	2,106
Wilmington,	1,144	1,186	2,330	—	—	1,858
Winchester,	4,595	5,410	10,005	4,363	4,946	9,309
WOBURN,	8,316	8,094	16,410	7,753	7,555	15,308
Ward 1,	1,365	1,467	2,832	—	—	—
Ward 2,	1,710	1,554	3,264	—	—	—
Ward 3,	1,368	1,364	2,732	—	—	—
Ward 4,	1,367	1,438	2,805	—	—	—
Ward 5,	735	691	1,426	—	—	—
Ward 6,	1,232	1,125	2,357	—	—	—
Ward 7,	539	455	994	—	—	—
NANTUCKET COUNTY.	1,521	1,645	3,166	1,361	1,601	2,962
Nantucket,	1,521	1,645	3,166	1,361	1,601	2,962
NORFOLK COUNTY.	96,173	105,734	201,907	89,439	98,067	187,506
Avon,	1,073	1,091	2,164	—	—	2,013
Bellingham,	999	954	1,953	—	—	1,696
Braintree,	4,583	4,760	9,343	3,966	4,100	8,066
Brookline,	13,254	20,236	33,490	11,038	16,754	27,792
Canton,	2,731	2,892	5,623	2,352	2,445	4,797
Cohasset,	1,391	1,409	2,800	1,241	1,344	2,585
Dedham,	5,394	5,649	11,043	4,504	4,780	9,284
Dover,	500	499	999	—	—	798
Foxborough,	1,913	1,842	3,755	2,048	1,815	3,863
Franklin,	3,292	3,148	6,440	2,807	2,834	5,641
Holbrook,	1,417	1,531	2,948	1,316	1,500	2,816
Hyde Park, ¹	—	—	—	7,744	7,763	15,507
Medfield,	1,562	2,086	3,648	1,448	2,018	3,466
Medway,	1,378	1,468	2,846	1,322	1,374	2,696
Millis,	756	686	1,442	—	—	1,399
Milton,	3,808	4,792	8,600	3,533	4,391	7,924
Needham,	3,116	3,426	6,542	2,372	2,654	5,026
Norfolk,	726	542	1,268	—	—	960
Norwood,	5,739	5,238	10,977	4,129	3,085	8,014
Plainville,	691	717	1,408	—	—	1,385
QUINCY,	20,686	19,988	40,674	16,454	16,188	32,642
Ward 1,	3,746	3,759	7,505	—	—	—
Ward 2,	3,891	2,886	6,777	—	—	—
Ward 3,	4,015	3,853	7,868	—	—	—
Ward 4,	3,015	2,937	5,952	—	—	—
Ward 5,	3,244	3,643	6,887	—	—	—
Ward 6,	2,775	2,910	5,685	—	—	—
Randolph,	2,342	2,392	4,734	2,091	2,210	4,301
Sharon,	1,175	1,293	2,468	—	—	2,310
Stoughton,	3,449	3,533	6,982	3,099	3,217	6,316
Walpole,	2,824	2,666	5,490	2,586	2,306	4,892
Wellesley,	2,705	3,734	6,439	2,306	3,107	5,413
Westwood,	706	742	1,448	—	—	1,266
Weymouth,	6,825	7,144	13,969	6,324	6,571	12,895
Wrentham,	1,138	1,276	2,414	—	—	1,743

¹ Annexed to Boston (Suffolk County) in 1912, as Ward 26.

Table 79

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1910 AND 1915.CITIES (BY WARDS) AND TOWNS.
(Arranged by Counties.)

	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
PLYMOUTH COUNTY.						
Abington,	80,028	77,275	157,303	73,707	70,630	144,337
Bridgewater,	2,767	2,879	5,646	2,696	2,759	5,455
BROCKTON,	6,060	3,321	9,381	4,991	2,697	7,688
Ward 1,	30,781	31,507	62,288	28,293	28,585	56,878
Ward 2,	4,280	4,540	8,820	3,996	4,128	8,124
Ward 3,	3,570	4,109	7,679	3,128	3,522	6,650
Ward 4,	4,501	4,696	9,197	4,174	4,295	8,469
Ward 5,	3,447	3,536	6,983	3,269	3,328	6,597
Ward 6,	4,777	4,398	9,175	4,403	4,237	8,640
Ward 7,	5,711	5,505	11,216	5,375	4,936	10,311
Ward 8,	4,495	4,723	9,218	3,948	4,139	8,087
Carver,	930	771	1,701	—	—	1,663
Duxbury,	949	972	1,921	—	—	1,688
East Bridgewater,	1,900	1,789	3,689	1,689	1,674	3,363
Halifax,	380	258	638	—	—	550
Hanover,	1,386	1,280	2,666	—	—	2,326
Hanson,	914	882	1,796	—	—	1,854
Hingham,	2,520	2,744	5,264	2,289	2,676	4,965
Hull,	1,476	814	2,290	—	—	2,103
Kingston,	1,265	1,315	2,580	—	—	2,445
Lakeville,	810	681	1,491	—	—	1,141
Marion,	775	712	1,487	—	—	1,460
Marshfield,	854	871	1,725	—	—	1,738
Mattapoisett,	650	702	1,352	—	—	1,233
Middleborough,	4,314	4,317	8,631	4,124	4,090	8,214
Norwell,	781	782	1,563	—	—	1,410
Pembroke,	700	637	1,337	—	—	1,336
Plymouth,	6,430	6,496	12,926	6,061	6,080	12,141
Plympton,	310	289	599	—	—	561
Rochester,	583	577	1,160	—	—	1,090
Rockland,	3,450	3,624	7,074	3,438	3,490	6,928
Scituate,	1,313	1,348	2,661	—	—	2,482
Wareham,	2,693	2,483	5,176	2,123	1,979	4,102
West Bridgewater,	1,374	1,367	2,741	—	—	2,231
Whitman,	3,663	3,857	7,520	3,580	3,712	7,292
SUFFOLK COUNTY.						
BOSTON,	410,241	416,560	826,801	360,261	371,127	731,388
Ward 1,	369,434	376,005	745,439	329,703	340,882	670,585
Ward 2,	11,691	12,085	23,776	—	—	—
Ward 3,	22,742	19,162	41,904	—	—	—
Ward 4,	11,053	9,963	21,016	—	—	—
Ward 5,	10,289	8,296	18,585	—	—	—
Ward 6,	43,622	33,951	77,573	—	—	—
Ward 7,	19,689	17,561	37,250	—	—	—
Ward 8,	17,057	18,027	35,084	—	—	—
Ward 9,	16,246	22,071	38,317	—	—	—
Ward 10,	17,739	16,257	33,996	—	—	—
Ward 11,	12,553	13,188	25,741	—	—	—
Ward 12,	12,857	13,377	26,234	—	—	—
Ward 13,	14,487	14,929	29,416	—	—	—
Ward 14,	15,013	15,520	30,533	—	—	—
Ward 15,	12,825	14,974	27,799	—	—	—
Ward 16,	12,600	13,625	26,225	—	—	—
Ward 17,	11,498	13,906	25,404	—	—	—
Ward 18,	12,136	13,717	25,853	—	—	—
Ward 19,	12,425	13,452	25,877	—	—	—
Ward 20,	10,325	12,423	22,748	—	—	—
Ward 21,	10,951	12,007	22,958	—	—	—
Ward 22,	12,629	13,870	26,499	—	—	—
Ward 23,	11,104	12,708	23,812	—	—	—
Ward 24,	10,049	11,393	21,442	—	—	—
Ward 25,	11,284	11,231	22,515	—	—	—
Ward 26,	7,379	9,022	16,401	—	—	—
Ward 26, 1	9,091	9,290	18,381	—	—	—

1 Ward 26 is the former town of Hyde Park, in Norfolk County, annexed to Boston in 1912.

Table 79

POPULATION OF COUNTIES AND MUNICIPALITIES, BY SEX:
1910 AND 1915.CITIES (BY WARDS) AND TOWNS.
(Arranged by Counties.)

	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
SUFFOLK COUNTY — Con.						
CHELSEA,	22,353	21,073	43,426	16,709	15,743	32,452
Ward 1,	4,198	3,740	7,938	—	—	—
Ward 2,	7,553	6,764	14,317	—	—	—
Ward 3,	3,973	4,040	8,013	—	—	—
Ward 4,	3,127	3,135	6,262	—	—	—
Ward 5,	3,502	3,394	6,896	—	—	—
REVERE,	12,391	12,787	25,178	8,984	9,235	18,219
Ward 1,	2,237	2,391	4,628	—	—	—
Ward 2,	3,034	3,169	6,203	—	—	—
Ward 3,	3,354	3,338	6,692	—	—	—
Ward 4,	2,696	2,802	5,498	—	—	—
Ward 5,	1,070	1,087	2,157	—	—	—
Winthrop,	6,063	6,695	12,758	4,865	5,267	10,132
WORCESTER COUNTY.	214,958	215,745	430,703	201,284	198,373	399,657
Ashburnham,	1,052	1,007	2,059	—	—	2,107
Athol,	4,876	4,907	9,783	4,326	4,210	8,536
Auburn,	1,717	1,564	3,281	—	—	2,420
Barre,	1,888	1,588	3,476	1,546	1,411	2,957
Berlin,	441	424	865	—	—	904
Blackstone,	2,821	2,868	5,689	2,796	2,852	5,648
Bolton,	366	402	768	—	—	764
Boylston,	406	377	783	—	—	714
Brookfield,	994	1,065	2,059	—	—	2,204
Charlton,	1,163	1,050	2,213	—	—	2,032
Clinton,	6,380	6,812	13,192	6,185	6,890	13,075
Dana,	331	381	712	—	—	736
Douglas,	1,119	1,060	2,179	—	—	2,152
Dudley,	2,283	2,090	4,373	2,196	2,071	4,267
FITCHBURG,	19,611	20,045	39,656	18,764	19,062	37,826
Ward 1,	3,068	3,105	6,173	—	—	—
Ward 2,	6,026	5,931	11,957	—	—	—
Ward 3,	3,057	3,111	6,168	—	—	—
Ward 4,	1,956	2,015	3,971	—	—	—
Ward 5,	1,760	2,009	3,769	—	—	—
Ward 6,	3,744	3,874	7,618	—	—	—
Gardner,	8,545	7,831	16,376	7,910	6,789	14,699
Grafton,	3,062	3,188	6,250	2,779	2,926	5,705
Hardwick,	1,805	1,791	3,596	1,836	1,688	3,524
Harvard,	538	566	1,104	—	—	1,034
Holden,	1,273	1,241	2,514	—	—	2,147
Hopedale,	1,368	1,295	2,663	—	—	2,188
Hubbardston,	555	529	1,084	—	—	1,073
Lancaster,	1,088	1,497	2,585	—	—	2,464
Leicester,	1,604	1,718	3,322	1,582	1,655	3,237
Leominster,	8,681	8,965	17,646	8,744	8,836	17,580
Lunenburg,	788	822	1,610	—	—	1,393
Mendon,	468	465	933	—	—	880
Milford,	6,898	6,786	13,684	6,745	6,310	13,055
Millbury,	2,600	2,695	5,295	2,359	2,381	4,740
New Braintree,	260	193	453	—	—	464
Northborough,	899	898	1,797	—	—	1,713
Northbridge,	4,936	4,318	9,254	4,706	4,101	8,807
North Brookfield,	1,385	1,562	2,947	1,452	1,623	3,075
Oakham,	272	255	527	—	—	552
Oxford,	1,760	1,716	3,476	1,638	1,723	3,361
Paxton,	260	211	471	—	—	416
Petersham,	356	371	727	—	—	757
Phillipston,	200	190	390	—	—	426
Princeton,	409	391	800	—	—	818
Royalston,	456	406	862	—	—	792

Table 79

POPULATION OF COUNTIES AND MUNICIPALITIES, BY SEX:
1910 AND 1915.CITIES (BY WARDS) AND TOWNS.
(Arranged by Counties.)

	1915.			1910.		
	Males.	Females.	Total.	Males.	Females.	Total.
WORCESTER COUNTY — Con.						
Rutland,	1,083	812	1,895	—	—	1,743
Shrewsbury,	1,333	1,461	2,794	—	—	1,946
Southborough,	913	985	1,898	—	—	1,745
Southbridge,	7,341	6,876	14,217	6,484	6,108	12,592
Spencer,	2,910	3,084	5,994	3,306	3,434	6,740
Sterling,	744	659	1,403	—	—	1,359
Sturbridge,	771	847	1,618	—	—	1,957
Sutton,	1,491	1,338	2,829	1,692	1,386	3,078
Templeton,	2,267	1,814	4,081	2,054	1,702	3,756
Upton,	938	1,098	2,036	—	—	2,071
Uxbridge,	2,445	2,476	4,921	2,391	2,280	4,671
Warren,	2,158	2,110	4,268	2,028	2,160	4,188
Webster,	6,235	6,330	12,565	5,761	5,748	11,509
Westborough,	2,915	3,010	5,925	2,608	2,838	5,446
West Boylston,	691	627	1,318	—	—	1,270
West Brookfield,	590	698	1,288	—	—	1,327
Westminster,	847	747	1,594	—	—	1,353
Winchendon,	3,034	2,874	5,908	2,918	2,760	5,678
WORCESTER,	80,338	82,359	162,697	73,424	72,562	145,986
Ward 1,	6,883	7,360	14,243	—	—	—
Ward 2,	8,316	8,520	16,836	—	—	—
Ward 3,	13,348	10,997	24,345	—	—	—
Ward 4,	9,514	9,413	18,927	—	—	—
Ward 5,	11,094	10,633	21,727	—	—	—
Ward 6,	7,741	7,603	15,344	—	—	—
Ward 7,	6,576	7,182	13,758	—	—	—
Ward 8,	5,490	6,881	12,371	—	—	—
Ward 9,	6,012	6,840	12,852	—	—	—
Ward 10,	5,364	6,930	12,294	—	—	—

APPENDICES.

- A. THE ACCURACY OF CERTIFIED CAUSES OF DEATH.
 - B. INTERNATIONAL CLASSIFICATION OF CAUSES OF DEATH.
 - 1. DETAILED INTERNATIONAL LIST.
 - 2. ABRIDGED INTERNATIONAL LIST.
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APPENDIX A.

THE ACCURACY OF CERTIFIED CAUSES OF DEATH.

ITS RELATION TO MORTALITY STATISTICS AND THE INTERNATIONAL LIST.¹

Revised report of a committee of the Vital Statistics Section of the American Public Health Association, composed as follows: Committee — Haven Emerson, chairman; William H. Guilfooy, E. H. Lewinski-Corwin, Louis I. Dublin, Charles Norris, Warfield T. Longcope, W. R. Williams, William H. Davis, George H. Van Buren, executive secretary.

This report is a summary of the conclusions of a committee appointed by the Section on Vital Statistics of the American Public Health Association to consider the question of the accuracy of certified causes of death and their relation to mortality statistics and the International List of Causes of Death.

At the meeting of the Section on Vital Statistics, held Sept. 10, 1915, at Rochester, N. Y., Dr. Haven Emerson, commissioner of health of New York City, read a paper, a synopsis of which follows:—

RELIABILITY OF STATEMENTS OF CAUSE OF DEATH FROM THE CLINICAL AND PATHOLOGICAL VIEWPOINTS.²

While completeness of records of death is desirable, it is of no more importance than the accuracy of the causes themselves as stated on the death certificates.

The primary necessity for reliable and adequate statement of cause of death is obvious. The high percentage of inaccuracy in certificates of death is well known to registrars, to life insurance companies, and to pathologists, who can compare clinical diagnoses with the demonstrated cause of death at the autopsy.

If the 189 titles of the International List are studied in the light of present-day knowledge of clinical and pathological experience, it will appear that there is no plausible guarantee of accuracy in at least 41 per cent. of the certificates as now presented to the registrar of records of the New York City health department.

In this 41 per cent. we find 2,875 deaths in 1914 attributed to causes that can be accepted as reliable only after autopsy and 27,995 which are capable of verification by exact observations, as by chemical, bacteriological, and biological tests before death, but, failing such specific proof, represent no reliable statement of death without autopsy.

It is proposed to separate the reliable or probably correct statements of cause of death from the remainder as another step forward in the evolution of accurate statistics of deaths.

¹ Reprint from the Public Health Reports, United States Public Health Service, Vol. 32, No. 39, Sept. 28, 1917, pp. 1557-1632.

² For the full text of this paper see the American Journal of Public Health, July, 1916.

After the discussion of Dr. Emerson's paper the chairman was authorized to appoint a committee to consider the reliability of the causes of death as specified in the International List of Causes of Death. The committee is as follows: —

Haven Emerson, <i>chairman</i> .	Charles Norris.
William H. Guilfoxy.	W. R. Williams.
E. H. Lewinski-Corwin.	William H. Davis.
Louis I. Dublin.	George H. Van Buren, <i>executive secretary</i> .
Warfield T. Longcope.	

Meetings, at which the chairman presided, were held in New York City in November and December, 1915; also in January, February, March, April, May, and June, 1916.

The committee submitted a report to the Section on Vital Statistics at the annual meeting of the American Public Health Association at Cincinnati in October, 1916. The section devoted parts of three of its sessions to the consideration of this report. At the final meeting of the section it became evident that there would not be sufficient time to consider all of the recommendations submitted. It was voted, therefore, to continue the committee for another year and to instruct it to submit its recommendations, as published in Reprint No. 363 of the Public Health Reports, to all members of the Section on Vital Statistics, and to others well qualified to criticize and suggest, with the request that they give the committee the benefit of their opinions. This was done. Letters were received from many of those throughout the country most interested in the subject of classification of causes of death. The committee desires at this point to express its thanks for the interest manifested in the subject by those who gave to it of their time and thought. Four meetings of the committee were required to consider the suggestions which were received.

The present report, therefore, is, in reality, a revised one. It represents not simply what may now be considered as the preliminary recommendations resulting from the committee's deliberations of last year, but also its conclusions in the light of criticisms and suggestions received during 1917 from those who are best qualified to make them.

The committee was appointed primarily with the idea that it would make recommendations covering the 189 titles of the Inter-

national List of Causes of Death with a view to separating them into two classes: —

(a) Those not to be accepted as reliable, without autopsy, or without specific supporting data upon which accurate diagnosis is possible.

(b) Those to be accepted as reliable without autopsy, other verification, or supporting data.

It was pointed out, however, that as the committee was one on the *accuracy* of certified causes of death it should also consider: —

(a) The validity of terms included under each title, *i.e.*, the probability that each term, when reported as a cause of death, represents the exact morbid condition covered by the title heading. It was agreed that this phase of the subject be considered secondary to that of determining the question of the reliability of the titles as described above. In the course of the committee's discussions, however, it frequently became necessary to discuss the question of reliability on the basis of each included term. This is particularly true of titles under which are included both diseases that are seldom fatal and those that are surely fatal or in which the prognosis is grave.

(b) The fact that a term's reliability as a statistical entity when reported as a cause of death depends not only upon the fact that the disease which it describes was surely present, but also upon its status as descriptive of the *primary* cause of death. As an instance of this there are a number of titles which the committee might assign to the reliable class, because diagnosis of the conditions covered by them are certain; nevertheless, statistics based on these very returns would be grossly inaccurate, because there would be inaccuracy in the statement of cause of death through the omission of the *primary* cause, even though the terminal condition, and the only one reported, were one that is reliable without autopsy. It was agreed that this is a phase that has an important bearing on what constitutes a reliable statement of cause of death and that the committee should give it consideration. It was decided, however, that it should, so far as possible, be discussed as a separate and distinct problem upon which the committee should make recommendations.

In considering the International List from the viewpoints outlined above, and in making its recommendations, the committee has been mindful of the fact that, as is plainly set forth in the "Introductory" of the manual issued by the Bureau of the Census, "The International List of Causes of Death makes no pretension of being a proper nomenclature of diseases, or of including a scientific classification of diseases. It is only a practical working list whereby statistical compilers can assign medical terms reported by physicians as causes of death to certain more or less definite titles representing individual diseases or groups of diseases of similar character." The committee

realizes that such a list necessarily contains many terms that are unscientific, inaccurate, and indefinite, as well as some that are obsolete. It has borne in mind, however, that many of these expressions are now, and will continue to be, encountered in the practical experience of registration offices, and that since it is not always practicable or possible to obtain more satisfactory statements, it is necessary for registration and compiling offices to use a list like the International List of Causes of Death in order that such expressions, together with the definite and scientific terms, may be compiled uniformly and under the titles which are most likely to cover the conditions reported. When it recommends, therefore, that titles or terms in the list be "eliminated" it means that they should not be mentioned in any official publication of statistical or registration offices in such a way as to convey to physicians in general the impression that their use is sanctioned by these offices. Whenever it is necessary to include such terms they should be printed with some identifying sign to show that they are not approved as statements of cause of death, as was done in the 1902 Manual of the International Classification (list) of Causes of Death, issued by the Census Bureau.

The committee does not propose that mortality statistics along the lines it recommends be substituted for those now published annually. However, it does believe that additional information should be asked for upon the death certificate as to whether or not an autopsy was performed or as to what test confirmed the diagnosis. Moreover, it believes that as a purely supplemental study this additional information when sufficiently complete should be tabulated to show the number of deaths compiled on the basis of specific supporting data.

The committee, however, wishes to emphasize the fact that to secure accuracy of all certified causes of death is absolutely beyond the power of any statistical bureau at the present time.

Two educational movements are needed before this can be accomplished:—

(1) The physicians must be educated to ask for post mortems when needed to determine the cause of death, and to base their diagnoses, where possible, upon specific laboratory evidence of the cause of disease.

(2) The public must be educated to permit post mortems when requested to determine the cause of death.

Only by such means can a satisfactory percentage of accuracy in mortality statistics be obtained.

Moreover, this day of accuracy of certified causes of death should arrive much sooner for a city, with its hospitals, than for a State, and much sooner for some States than for others.

The committee therefore recommends that the Vital Statistics Section indorse the educational propaganda which so clearly shows the unreliability of so many death returns as now reported; that it indorse educational propaganda which shows both physicians and the public the importance of post-mortem examinations and of laboratory aids in diagnosis; that it indorse the proposed changes in the International List of Causes of Death, together with the reliable inclusions under each title, and that it advocate the publication of tables, as a purely supplemental study, showing the number of deaths compiled on the basis of specific supporting data whenever these data shall become sufficiently well reported.

Then follow (pages 9 to 77) the conclusions relating to each title of the International List. These conclusions, or as many of them as are approved by the section, will be submitted to the International Commission charged with the revision of the International List, which is scheduled to meet in 1919.

APPENDIX B.

INTERNATIONAL CLASSIFICATION OF CAUSES OF DEATH.¹

There are two separate and distinct classifications of causes of death embodied in the International List of Causes of Death: these are the detailed and abridged International Lists. The former, as indicated by its name, presents causes of death in greater detail than does the latter; that is, it shows separately certain diseases which in the abridged list are grouped together for presentation. The majority of the titles of the abridged list are therefore consolidations of certain titles of the detailed list. The shorter list is used as a basis for certain tables in this volume for which it is either unnecessary or impracticable to present data for each disease and cause of death shown in the detailed list.

The distinction between these lists should always be considered when using the tables of these reports. There are several cases in which the title headings in the two lists are identical, but the causes included are widely at variance. As an example of this the title "Other epidemic diseases" of the detailed list (title No. 19) includes only such epidemic maladies as are not classified separately in titles 1 to 18 of that list; but "Other epidemic diseases" of the abridged list includes titles 3, 11, 14, 15, 16, 17, 18, and 19 of the detailed list. These identical expressions, it will be noted, have two different and distinct meanings. In the abridged list "Tuberculosis of the lungs" (title No. 13) includes not only tuberculosis of the lungs of the detailed list (title No. 28) but also acute miliary tuberculosis (title No. 29).

An asterisk (*) denotes that, in the opinion of the committee appointed by the Section on Vital Statistics of the American Public Health Association, the titles are acceptable statements of causes of death without autopsy.²

¹ This second decennial revision of the International Classification of Causes of Death made at Paris July 1-3, 1909, was designed for use during the present decade. The next revision will be made in 1919 for use in the twenties. The causes of death as given in the second revision number 189, compared with 179 in the first classification.

² See Appendix A.

The following table shows each title of the Detailed International List:—

1. DETAILED INTERNATIONAL LIST.

I. GENERAL DISEASES.

1. Typhoid fever.*
2. Typhus fever.*
3. Relapsing fever.¹
4. Malaria.²
5. Smallpox.*
6. Measles.*
7. Scarlet fever.*
8. Whooping cough.*
9. Diphtheria and croup.*
10. Influenza.
11. Miliary fever.
12. Asiatic cholera.*
13. Cholera nostras.
14. Dysentery.³
15. Plague.*
16. Yellow fever.*
17. Leprosy.*
18. Erysipelas.*
19. Other epidemic diseases.
20. Purulent infection and septicemia.⁴
21. Glanders.⁵

I. GENERAL DISEASES — *Con.*

22. Anthrax.⁶
23. Rabies.⁷
24. Tetanus.⁸
25. Mycoses.⁹
26. Pellagra.*
27. Beriberi.*
28. Tuberculosis of the lungs.*
29. Acute miliary tuberculosis.¹⁰
30. Tuberculous meningitis.¹¹
31. Abdominal tuberculosis.¹²
32. Pott's disease.*
33. White swellings.*
34. Tuberculosis of other organs.¹³
35. Disseminated tuberculosis.*
36. Rickets.*
37. Syphilis.¹⁴
38. Gonococcus infection.¹⁵
39. Cancer of the buccal cavity.*
40. Cancer of the stomach, liver.¹⁶
41. Cancer of the peritoneum, intestines, rectum.¹⁶

¹ This statement is a reliable one, without autopsy, only when the statement of the cause of death is accompanied or supported by a record of the finding of the etiological factor; that is, the *spirillum* (*spirochaeta*) *obermeieri*, before death.

² Not a reliable statement of cause of death without the supporting statement that the etiological factor, the *plasmodium malariae*, was found in the blood before death or at autopsy.

³ Not a reliable statement of cause of death unless the specific cause of infection has been identified.

⁴ A reliable statement of cause of death if there is an accompanying statement of the site and nature of the original infection.

⁵ Not a reliable statement of cause of death, without autopsy, unless there is an accompanying record of the finding of the etiological factor; *i.e.*, the *bacillus mallei*.

⁶ Not a reliable statement of cause of death, without autopsy, or without determination of the etiological factor; *i.e.*, the *bacillus anthracis*.

⁷ Not a reliable statement of cause of death unless verified by autopsy, or proof that the infecting bite was by a proved rabid animal.

⁸ A reliable statement of cause of death, without autopsy, when it is accompanied by information as to date, site, nature, and means of injury.

⁹ A reliable statement of cause of death, without autopsy, *only* when lesion is accessible to direct examination, or the etiological factor has been identified in the discharges before death.

¹⁰ Not a reliable statement of cause of death, without autopsy, unless tubercles have been found in some accessible part of the body (*e.g.*, the retina) during life.

¹¹ A reliable statement of cause of death, without autopsy, for children under 10 years of age, but not for decedents of older groups, unless there is confirmatory bacteriological proof of the presence of the tubercle bacillus in the spinal fluid.

¹² An unreliable statement of cause of death, without autopsy, unless proof of an abdominal operation or recovery of tubercle bacillus from the abdominal fluid is presented.

¹³ Statements of cause of death which relate to organs or parts of the body which are accessible to direct vision are reliable without autopsy.

¹⁴ Not reliable as a statement of cause of death, without autopsy, unless diagnosis was based on lesions superficially situated or visible through body orifices, or confirmed by unquestioned specific test. A statement of the site, extent, and character of the lesion should be given.

¹⁵ An unreliable statement of cause of death, without autopsy, unless a gonococcic lesion has been demonstrated by the recovery of the gonococcus from the site of the lesion, or by a specific serum reaction, and unless the lesion was an adequate cause of death.

¹⁶ An unreliable statement of cause of death, without autopsy, unless an operation was performed or the neoplasm was otherwise visible or accessible for direct observation.

1. DETAILED INTERNATIONAL LIST — *Continued.*I. GENERAL DISEASES — *Con.*

42. Cancer of the female genital organs.¹
43. Cancer of the breast.*
44. Cancer of the skin.*
45. Cancer of other organs or of organs not specified.¹
46. Other tumors (tumors of the female genital organs excepted).²
47. Acute articular rheumatism.*
48. Chronic rheumatism and gout.
49. Scurvy.*
50. Diabetes.*
51. Exophthalmic goiter.
52. Addison's disease.*
53. Leukemia.³
54. Anemia, chlorosis.³
55. Other general diseases.
56. Alcoholism (acute or chronic).*
57. Chronic lead poisoning.⁴
58. Other chronic occupation poisonings.⁵
59. Other chronic poisonings.⁶

II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE.

60. Encephalitis.
61. Meningitis.
 - (a) Simple meningitis.
 - (b) Cerebrospinal meningitis (undefined).
 - (c) Cerebrospinal fever.
62. Locomotor ataxia.*
63. Other diseases of the spinal cord.
 - (a) Acute anterior poliomyelitis.*
 - (b) Other diseases of the spinal cord.
64. Cerebral hemorrhage, apoplexy.*
65. Softening of the brain.
66. Paralysis without specified cause.
67. General paralysis of the insane.*
68. Other forms of mental alienation.

II. DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE — *Con.*

69. Epilepsy.⁷
70. Convulsions (nonpuerperal).
71. Convulsions of infants.
72. Chorea.*
73. Neuralgia and neuritis.
74. Other diseases of the nervous system.
75. Diseases of the eyes and their annexa.*
76. Diseases of the ears.*

III. DISEASES OF THE CIRCULATORY SYSTEM.

77. Pericarditis.⁸
78. Acute endocarditis.*
79. Organic diseases of the heart.*
80. Angina pectoris.*
81. Diseases of the arteries, atheroma, aneurism, etc.
82. Embolism and thrombosis.*
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.).⁹
84. Diseases of the lymphatic system (lymphangitis, etc.).*
85. Hemorrhage; other diseases of the circulatory system.*

IV. DISEASES OF THE RESPIRATORY SYSTEM.

86. Diseases of the nasal fossæ.*
87. Diseases of the larynx.*
88. Diseases of the thyroid body.*
89. Acute bronchitis.
90. Chronic bronchitis.*
91. Broncho-pneumonia.*
92. Pneumonia.
 - (a) Lobar pneumonia.
 - (b) Pneumonia (undefined).
93. Pleurisy.*

¹ An unreliable statement of cause of death, without autopsy, unless an operation was performed or the neoplasm was otherwise visible or accessible for direct observation.

² An unreliable statement of cause of death, without autopsy, unless an operation was performed.

³ Not a reliable statement of cause of death unless verified by confirmatory blood examination.

⁴ A reliable statement of cause of death, without autopsy, *if* there appears a statement of an occupation in which decedent would be subject to lead poisoning, or if the source of the poisoning is specified and complications accompanying, sufficient to cause death, are described.

⁵ A reliable statement of cause of death, without autopsy, *only* in cases where the occupation or source of poison is specified and it is indicated that the poison was absorbed as a result of occupation; or the characteristic lesions are superficially located or accessible to direct inspection; or there is chemical or microscopic proof of the presence of poison within the body.

⁶ A reliable statement of cause of death, without autopsy, *only* when the source of the poison is specified, or when there is chemical or microscopic proof of the presence of the poison within the body.

⁷ An unreliable statement of cause of death, without autopsy, unless death occurred in an epileptic attack and was witnessed, and there was a previous history of epilepsy.

⁸ An unreliable statement of cause of death, without autopsy, unless accompanied by a statement of primary cause or of the character of exudate obtained by paracentesis.

⁹ A reliable statement of cause of death, without autopsy, if there is an accompanying statement of the site of the lesion or name of the vessel or vessels involved.

1. DETAILED INTERNATIONAL LIST — *Continued.*IV. DISEASES OF THE RESPIRATORY SYSTEM
— *Con.*

- 94. Pulmonary congestion, pulmonary apoplexy.¹
- 95. Gangrene of the lung.*
- 96. Asthma.
- 97. Pulmonary emphysema.*
- 98. Other diseases of the respiratory system (tuberculosis excepted).

V. DISEASES OF THE DIGESTIVE SYSTEM.

- 99. Diseases of the mouth and annexa.*
- 100. Diseases of the pharynx.*
- 101. Diseases of the esophagus.*
- 102. Ulcer of the stomach.
- 103. Other diseases of the stomach (cancer excepted).
- 104. Diarrhea and enteritis (under 2 years).*
- 105. Diarrhea and enteritis (2 years and over).
- 106. Ankylostomiasis.²
- 107. Intestinal parasites.³
- 108. Appendicitis and typhlitis.
- 109. Hernia and intestinal obstruction.
 - (a) Hernia.⁴
 - (b) Intestinal obstruction.⁵
- 110. Other diseases of the intestines.
- 111. Acute yellow atrophy of the liver.*
- 112. Hydatid tumor of the liver.
- 113. Cirrhosis of the liver.*
- 114. Biliary calculi.*
- 115. Other diseases of the liver.
- 116. Diseases of the spleen.
- 117. Simple peritonitis (nonpuerperal).
- 118. Other diseases of the digestive system (cancer and tuberculosis excepted).

VI. NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA.

- 119. Acute nephritis.
- 120. Bright's disease.*
- 121. Chyluria.*
- 122. Other diseases of the kidneys and annexa.
- 123. Calculi of the urinary passages.*

VI. NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA — *Con.*

- 124. Diseases of the bladder.*
- 125. Diseases of the urethra, urinary abscess, etc.*
- 126. Diseases of the prostate.*
- 127. Nonvenereal diseases of the male genital organs.*
- 128. Uterine hemorrhage (nonpuerperal).
- 129. Uterine tumor (noncancerous).*
- 130. Other diseases of the uterus.*
- 131. Cysts and other tumors of the ovary.
- 132. Salpingitis and other diseases of the female genital organs.
- 133. Nonpuerperal diseases of the breast (cancer excepted).*

VII. THE PUERPERAL STATE.*

- 134. Accidents of pregnancy.*
- 135. Puerperal hemorrhage.*
- 136. Other accidents of labor.*
- 137. Puerperal septicemia.*
- 138. Puerperal albuminuria and convulsions.*
- 139. Puerperal phlegmasia alba dolens, embolus, sudden death.*
- 140. Following childbirth (not otherwise defined).*
- 141. Puerperal diseases of the breast.*

VIII. DISEASES OF THE SKIN AND OF THE CELLULAR TISSUE.

- 142. Gangrene.⁶
- 143. Furuncle.⁶
- 144. Acute abscess.⁶
- 145. Other diseases of the skin and annexa.*

IX. DISEASES OF THE BONES AND OF THE ORGANS OF LOCOMOTION.

- 146. Diseases of the bones (tuberculosis excepted).*
- 147. Diseases of the joints (tuberculosis and rheumatism excepted).*
- 148. Amputations.
- 149. Other diseases of the organs of locomotion.

¹ Pulmonary congestion is considered a reliable statement of cause of death, without autopsy, only when the cause is specified; as, for example, *accidental inhalation of irritating fumes*, or accompanying lesions which are known to lead to congestion of the lungs.

² A reliable statement of cause of death, without autopsy, *provided* the infectious parasite *ankylostoma duodenale* or its ova have been demonstrated.

³ A reliable statement of cause of death, without autopsy, *only* with the demonstration of the parasite or its ova in the tissues or discharges.

⁴ A reliable statement of cause of death if the hernia is external, or is exposed on operation or autopsy, when internal; also, when conditions adequate to cause death, together with type and location of hernia, are specified.

⁵ An unreliable statement of cause of death unless the obstruction is demonstrated on autopsy, or operation, or is accessible by examination through the body orifices.

⁶ A reliable statement of cause of death, without autopsy, *if* there is an accompanying statement of the site and nature of the original infection.

1. DETAILED INTERNATIONAL LIST — *Concluded.*

X. MALFORMATIONS.*

150. Congenital malformations (stillbirths not included).*
- (a) Hydrocephalus.*
 - (b) Congenital malformations of the heart.*
 - (c) Other congenital malformations.*

XI. EARLY INFANCY.

151. Congenital debility, icterus and sclerema.
- (a) Premature birth.*
 - (b) Congenital debility, "atrophy," "marasmus," etc.
152. Other causes peculiar to early infancy.
- (a) Injuries at birth.*
 - (b) Other causes peculiar to early infancy.
153. Lack of care.*

XII. OLD AGE.

154. Senility.

XIII. EXTERNAL CAUSES.

155. Suicide by poison.¹
156. Suicide by asphyxia.²
157. Suicide by hanging or strangulation.*
158. Suicide by drowning.*
159. Suicide by firearms.*
160. Suicide by cutting or piercing instruments.*
161. Suicide by jumping from high places.*
162. Suicide by crushing.*
163. Other suicides.*
164. Poisoning by food.³
165. Other acute poisonings.
166. Conflagration.*
167. Burns (conflagration excepted).*

XIII. EXTERNAL CAUSES — *Con.*

168. Absorption of deleterious gases (conflagration excepted).*
169. Accidental drowning.*
170. Traumatism by firearms.⁴
171. Traumatism by cutting or piercing instruments.⁴
172. Traumatism by fall.*
173. Traumatism in mines and quarries.*
- (a) Traumatism in mines.*
 - (b) Traumatism in quarries.*
174. Traumatism by machines.*
175. Traumatism by other crushing.*
- (a) Railroad accidents and injuries.*
 - (b) Street-car accidents and injuries.*
 - (c) Automobile accidents and injuries.*
 - (d) Injuries by other vehicles.*
 - (e) Landslide and other crushing.*
176. Injuries by animals.*
177. Starvation.*
178. Excessive cold.*
179. Effects of heat.*
180. Lightning.*
181. Electricity (lightning excepted).*
182. Homicide by firearms.*
183. Homicide by cutting or piercing instruments.*
184. Homicide by other means.*
185. Fractures (cause not specified).
186. Other external violence.

XIV. ILL-DEFINED DISEASES.

187. Ill-defined organic disease.
188. Sudden death.
189. Not specified or ill-defined.
- (a) Ill-defined.
 - (b) Not specified or unknown.

¹ A reliable statement of cause of death, without autopsy, if the character of the solid or liquid is specified.

² A reliable statement of cause of death, without autopsy, if the character of the gas is specified.

³ An unreliable statement of cause of death without supporting data as to a group of accompanying cases or the ingestion of the particular poisonous substances.

⁴ An unreliable statement of cause of death without supporting data, such as site and extent of injury.

2. ABRIDGED INTERNATIONAL LIST.

The following table shows each title of the Abridged International List. The numbers of the titles of the Detailed International List included in each title of the abridged list appear in parentheses.

Abridged Int. List Number	CAUSE OF DEATH.
1. Typhoid fever (1).*	
2. Typhus fever (2).*	
3. Malaria (4).	
4. Smallpox (5).*	
5. Measles (6).*	
6. Scarlet fever (7).*	
7. Whooping cough (8).*	
8. Diphtheria and croup (9).*	
9. Influenza (10).	
10. Asiatic cholera (12).*	
11. Cholera nostras (13).	
12. Other epidemic diseases (3, 11, 14, 15, 16, 17, 18, 19).	
13. Tuberculosis of the lungs (28, 29).	
14. Tuberculous meningitis (30).	
15. Other forms of tuberculosis (31, 32, 33, 34, 35).	
16. Cancer and other malignant tumors (39, 40, 41, 42, 43, 44, 45).	
17. Simple meningitis (61).	
18. Cerebral hemorrhage and softening (64, 65).	
19. Organic diseases of the heart (79).*	
20. Acute bronchitis (89).	
21. Chronic bronchitis (90).*	
22. Pneumonia (92).	
23. Other diseases of the respiratory system (tuberculosis excepted) (86, 87, 88, 91, 93, 94; 95, 96, 97, 98).	
24. Diseases of the stomach (cancer excepted) (102, 103).	
25. Diarrhea and enteritis (under 2 years) (104).*	
26. Appendicitis and typhlitis (108).	
27. Hernia, intestinal obstruction (109).	
28. Cirrhosis of the liver (113).*	
29. Acute nephritis and Bright's disease (119, 120).	
30. Noncancerous tumors and other diseases of the female genital organs (128, 129, 130, 131, 132).	
31. Puerperal septicemia (puerperal fever, peritonitis) (137).*	
32. Other puerperal accidents of pregnancy and labor (134, 135, 136, 138, 139, 140, 141).*	
33. Congenital debility and malformations (150, 151).	
34. Senility (154).	
35. Violent deaths (suicide excepted) (164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186).	
36. Suicide (155, 156, 157, 158, 159, 160, 161, 162, 163).*	
37. Other diseases (20, 21, 22, 23, 24, 25, 26, 27, 36, 37, 38, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 62, 63, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 80, 81, 82, 83, 84, 85, 99, 100, 101, 105, 106, 107, 110, 111, 112, 114, 115, 116, 117, 118, 121, 122, 123, 124, 125, 126, 127, 133, 142, 143, 144, 145, 146, 147, 148, 149, 152, 153).	
38. Unknown or ill-defined diseases (187, 188, 189).	

